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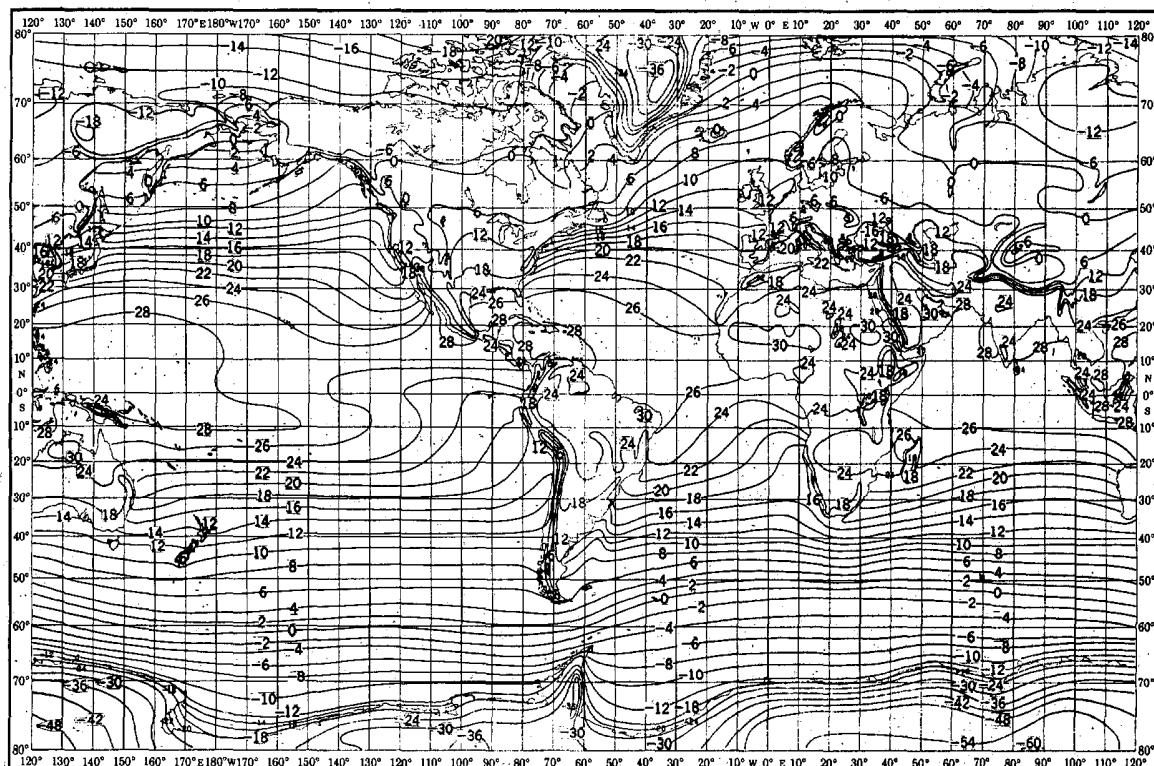


MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

OCTOBER

LONG TERM MEAN SURFACE AIR TEMPERATURE (°C)



Explanation on back cover

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND
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CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA."

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OCEANIC AND ENVIRONMENTAL SATELLITE, DATA CLIMATIC DATA CENTER
ATMOSPHERIC ADMINISTRATION AND INFORMATION SERVICE ASHEVILLE, NORTH CAROLINA

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = °C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data averages required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the averages for that month. Precipitation departure of "I" or "-I" indicates a difference less than 0.5 mm from average.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "M" indicates the data should be deleted. Some late reports of pre-1987 data may appear in the Corrections sections, beginning in the January 1987 issue. This may continue in later issues until pre-1987 data are no longer received or until they become five years old.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

SURFACE DATA TABLES

DAYS OBS.:	The number of days on which observations were taken. Column will be blank if days are not reported.
PRESSURE:	Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE:	Mean temperature and departure from average value in degrees °C. "S" indicates sea surface temperature.
DAYS 1 MM:	The number of days on which precipitation was 1 mm or more.
PRECIPITATION:	Total precipitation and departure from average in mm. "I" indicates an amount less than 0.5 mm.
QUINTILE:	Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.:	Sunshine total hours expressed as a percentage of long-term average.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

Included in this publication on an interim basis are a group of US surface stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT stations in the near future.

UPPER AIR DATA TABLES

HEIGHT:	Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
VECTOR WIND:	Direction of mean vector wind in degrees; speed in mps. Double asterisk (**) is wind speed < 0.5 mps.
STEADINESS:	When missing days equals 9, nine or more days of wind data are missing.
OB:	Ratio of mean vector wind speed to mean scalar wind speed.

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PUBLICATION STAFF

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
EUROPE														
NORWAY	0°	0°	0'	31	1001.5	1001.5	0.8	-0.3	5.4	-0.6	22	226	141	6
JAN MAYER	7056N	00840W	9	31	1004.9	1008.0	-6.9	-2.7	3.0	-22	22			
SVALBARD LUFTHAVN	7815N	01528E	29	31	1008.7	1009.8	6.9	-3.7	7.1	-1.5	17	105	-25	2
TROMSO/LANGNES	6941N	01855E	10	31	1003.9	1005.6	1.0	-1.3	4.5	-0.4	27	85	-42	5
BJORNØYA	7431N	01901E	14	31	1011.4	1013.1	6.0	-3.8	7.9	-2.1	6	24	-27	1
VARDO	7022N	03106E	15	31	1009.1	1010.6	8.9	-3.7	7.6	-1.3	15	96	-49	1
BODO VI	6716N	01422E	13	31	1008.8	1009.9	9.5	-2.8	8.7	0.9	6	25	-105	1
ORLAND III	6342N	00936E	7	31	991.5	1016.4	6.3	1.9	8.3	1.4	21	213	120	5
OSLO/GARDERMOEN	6012N	01105E	204	31	1009.6	1010.6	9.6	0.9	8.9	0.3	17	165	-33	4
STAVANGER/SOLA	5853N	00538E	9	31										
SWEDEN														
KARESUANDO	6827N	02230E	327		1014.8	4.1	6.0	7.1	2.5	7	21	-18	2	
GUNNARN	6501N	01741E	281		1017.5	5.1	7.0	8	28					
HAPARANDA	6550N	02409E	6		1023.0	7.1	5.1	8.3	2.4	4	60	8	4	
OSTERSUND/FROSÖN	6311N	01430E	366		1017.1	5.4	-2.0	7.7	1.3	9	27	-17	1	
HARNOSAND	6238N	01757E	8		1019.7	6.2	-1.1	8.7	1.7	8	56	-13	3	
KARLSTAD FLYGPLATS	5922N	01328E	55		1018.7	7.6	0.9	9.1	1.0	8	63	-1	3	
STOCKHOLM/BROMMA	5921N	01757E	11		1022.1	8.5	1.1	9.8	1.6	5	23	-28	2	
GOTEBORG/SAVE	5747N	01153E	53		1017.4	8.4	-0.4	9.9	0.8	11	74	-2	3	
JONKOPING FLYGPLATS	5746N	01405E	232		1019.1	7.0	-0.1	9.0	0.6	11	36	-19	3	
VISBY FLYGPLATS	5740N	01821E	47		1022.5	8.9	0.5	10.5	1.8	8	57	7	4	
FINLAND														
SODANKYLA	6722N	02639E	179		997.0	1019.1	5.5	6.3	7.5	2.6	5	19	-27	1
KAJAANI	6417N	02741E	136		1007.9	1024.8	5.9	4.0	8.5	2.6	7	22	-21	2
VAASA	6303N	02146E	4		1020.9	1021.9	7.2	-3.0	8.6	1.8	6	21	-31	1
JYVASKYLA	6224N	02541E	145		1007.5	1025.5	5.6	-2.4	8.0	1.6	8	40	-15	2
JKOKIOINEN	6049N	02330E	103		1012.9	1025.7	6.4	-2.0	8.4	1.3	7	43	-12	3
TURKU	6031N	02216E	59		1017.7	1025.0	7.5	-2.0	8.7	1.2	10	61	-1	3
HELSINKI-VANTAA	6019N	02458E	56		1020.0	1027.0	6.9	1.4	8.2	1.0	7	34	-32	2
UNITED KINGDOM														
LERWICK	6008N	00111W	84		994.3	1004.2	8.4	0.1	9.9	0.2	21	246	132	6
STORNOWAY	5813N	00619W	13		1000.5	1002.3	8.4	-1.0	9.2	-1.6	15	130	64	118
ABERDEEN/DYCE	5712N	00213W	65		996.8	1004.6	7.8	-1.4	9.6	-0.5	14	125	49	4
TIREE	5630N	00653W	12		1001.6	1002.7	9.2	-1.4	9.5	-1.6	17	165	40	5
EDINBURGH AIRPORT	5557N	00321W	41		1000.6	1004.9	7.9	-1.8	9.1	-1.0	17	100	43	5
ESKOALEMUIR	5519N	00312W	242		976.5	1005.8	6.8	-1.5	9.1	-0.8	19	185	45	4
LEEMING	5418N	00132W	40		1002.8	1006.8	8.9	-1.0	9.6	-0.7	14	107	59	5
VALLEY	5315N	00432W	11		1004.0	1005.4	10.5	-1.2	10.3	-0.8	20	193	105	6
MANCHESTER AIRPORT	5321N	00216W	78		997.5	1006.7	9.8	-0.8	10.0	-0.8	15	135	66	5
WADDINGTON	5310N	00031W	70		999.1	1007.7	9.5	-0.9	10.4	-0.7	12	96	48	5
BIRMINGHAM/AIRPORT	5227N	00144W	99		995.7	1007.6	9.2	-0.9	10.1	-0.3	15	113	61	5
CARDIFF-WALES AIRPORT	5124N	00321W	67		999.3	1007.2	10.5	-0.8	11.0	-0.2	20	180	101	6
LONDON/GATWICK AIRPORT	5109N	00011W	62		1001.8	1008.8	10.8	-0.1	11.2	0.0	14	196	134	6
PLYMOUTH/MOUNT BATTEN	5021N	00407W	27		1004.0	1007.4	11.4	-0.6	11.6	-0.8	21	185	96	5
BOURNEMOUTH AIRPORT	5047N	00150W	11		1006.8	1008.1	10.4	-0.8	11.3	0.0	22	153	82	5
BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		996.0	1004.4	8.5	-1.6	9.3	-1.7	14	119	38	5
IRELAND														
VALENTIA OBSERVATORY	5156N	01015W	14		1003.1	1004.8	9.7	-2.0	10.4	-1.8	24	201	59	5
CORK AIRPORT	5151N	00829W	162		985.8	1005.3	8.9	-1.6	10.0	-1.7	19	148	31	12
SHANNON AIRPORT	5242N	00855W	20		1002.4	1004.8	9.6	-1.6	9.9	-1.9	21	104	20	4
DUBLIN AIRPORT	5326N	00615W	85		994.7	1004.9	9.4	-1.3	9.7	-1.5	14	125	57	5
BELMULLET	5414N	01000W	10		1002.1	1003.3	9.1	-2.0	9.5	-2.1	19	140	24	4
MALIN HEAD	5522N	00720W	25		1000.1	1003.2	9.2	-1.8	9.7	-1.4	17	166	61	5
ICELAND														
KEFLAVIK	6358N	02236W	54		994.2	1000.8	2.5	-2.6	6.4	-1.5	12	65	-59	1
REYKJAVIK	6408N	02154W	61		993.3	1000.9	2.2	-2.7	5.6	-2.1	10	63	-32	2
AKUREYRI	6541N	01805W	27		999.0	1002.4	1.4	-2.1	5.4	-1.0	14	96	40	5
HJARDARNES	6415N	01511W	12		998.9	1000.2	3.7	-1.3	6.0	-1.2	15	84	-104	1
DENMARK														
EGEDESMINDE	6842N	05245W	47		1001.2	1007.2	-2.5	-0.6	4.5	0.5	9	41	8	5

EUROPE-DENMARK

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE %	
EUROPE	0°	0°	0	3											
DENMARK															
GODTHAB	6410N	05145W	48	1003.4	1006.9	-0.8	-0.6	5.1	0.5	10	75	2	4		
DANMARKSHAVN	7646N	01840W	12	1011.7	1013.3	-14.9	-1.7	1.1	-0.5	1	2	-12	1		
ANGMAGSSALIK	6536N	03738W	52	1001.6	1006.2	-2.4	-1.9	3.8	-0.7	8	69	-17	3		
THORSHAVN	6201N	00646W	39	998.4	1001.3	7.4	-0.2	9.5	0.3	20	152	-17	2		
ALBORG	5706N	00952E	3	1014.9	1015.3	9.1	0.3	9.7	-0.1	12	89	28	5		
KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	1017.0	1017.6	10.5	0.8	10.0	-0.2	5	24	-32	1		
RONNE	5504N	01445E	16	1017.8	1019.8	9.8		9.9		5	18		1		
NETHERLANDS															
DE BILT	5206N	00511E	4	1011.7	1012.2	10.8	0.5	10.9	0.0	12	97	29	5	112	
BELGIUM															
UCCLE	5048N	00421E	104	999.4	1011.5	11.5	-0.8	11.1	0.0	12	89	25	4		
LUXEMBOURG															
LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	968.6	1013.6	9.5	0.3	10.2	0.2	14	196	138	6	92	
SWITZERLAND LIECHTENSTEIN															
ZURICH (TOWN/VILLE)	4723N	00834E	569	950.3	1017.2	10.0	1.0	10.4	0.8	8	35	-37	1	81	
SAENTIS	4715N	00921E	2500	751.2	3068	2.7	2.4	5.0	0.7	7	41	-117	1	148	
GENEVE-COINTRIN	4615N	00608E	416	967.4	1016.5	11.6	1.8	11.3	1.7	18	105	33	4	53	
LUGANO	4600N	00858E	276	986.4	1019.3	12.7	0.4	12.1	1.0	15	267	97	5	60	
FRANCE															
CHERBOURG	4939N	00128W	138	992.2	1008.8	-11.0	-0.7	11.5	-0.2	19	211	124	6	106	
BREST/GUIPAVAS	4827N	00425W	103	997.3	1009.6	11.3	-0.8	12.0	-0.4	22	255	152	6	112	
PARIS/LE BOURGET	4858N	00227E	65	1003.8	1011.6	11.8	0.7	11.2	-0.1	13	99	52	5	94	
NANCY/ESSEY	4841N	00613E	217	989.4	1015.4	10.8	1.3	11.0	0.7	15	94	43	5	86	
STRASBOURG	4833N	00738E	154	997.5	1016.1	10.7	1.0	10.9	0.6	10	95	57	6	81	
NANTES	4710N	00136W	27	1007.2	1010.5	12.9	0.5	12.9	0.4	16	196	124	5	92	
BOURGES	4704N	00222E	166	992.7	1012.5	12.3	1.0	12.4	1.3	13	102	44	5	97	
DIJON	4716N	00505E	227	987.7	1014.8	11.6	1.0	12.7	2.1	15	108	52	5	100	
LIMOGES	4552N	00111E	402	966.2	1013.1	11.9	0.7	11.9	1.5	15	147	66	5	81	
LYON/BRON	4543N	00457E	201	991.7	1015.6	13.8	2.3	12.8	1.7	15	191	114	5	84	
BORDEAUX/MERIGNAC	4450N	00042W	61	1004.6	1011.9	14.1	1.1	14.7	1.9	20	142	60	4	65	
TOULOUSE/BLAGNAC	4338N	00122E	153	996.1	1014.3	15.2	2.0	14.0	1.9	8	32	-18	3	96	
NIMES/COURCESSAC	4352N	00424E	62	1008.4	1015.8	16.1	1.6	14.4	2.6	14	218	104	5	104	
MARSEILLE/MARIGNANE	4327N	00513E	36	1011.2	1015.5	16.9	1.6	14.9	2.2	9	130	46	4	135	
NICE	4339N	00712E	10	1015.6	1016.8	17.5	1.5	15.5	2.1	11	379	266	6	153	
PERPIGNAN	4244N	00252E	48	1009.1	1014.9	17.2	1.5	15.0	2.2	8	155	72	5	126	
AJACCIO	4155N	00848E	9	1015.3	1015.9	18.4	2.4	17.3	2.9	7	168	82	5	188	
SPAIN															
LA CORUNA	4322N	00825W	67	31	1003.5	1011.6	14.8	-0.8	13.1	-0.9	20	286	194	6	101
VALLADOLID	4139N	00446W	735	31	929.0	1014.4	12.5	0.0	10.5	0.8	18	45	4	4	106
ZARAGOZA/AEROPUERTO	4140N	00101W	258	31	983.1	1013.7	15.8	0.7	13.3	1.2	12	62	23	5	70
BARCELONA/AEROPUERTO	4117N	00204E	6	31	1013.0	1013.8	18.1	1.2	15.5	4.5	10	411	310	5	70
MADRID	4025N	00341W	667	31	939.7	1016.4	13.3	-0.9	11.7	1.1	15	59	5	4	124
PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	31	1014.2	1015.1	20.5	1.4	18.0	2.0	5	33	-128	0	100
MENORCA/MAHON	3952N	00414E	82	31	1005.7	1015.4	21.0	2.7	19.5	4.3	7	64	-58	2	183
BADAJOZ	3853N	00658W	195	31	994.3	1015.0	15.5	-1.9	13.6	-0.4	10	84	24	4	118
ALICANTE	3822N	00030W	82	31	1005.7	1015.3	20.1	1.1	15.6	0.9	3	38	-30	3	204
SEVILLA/TABLADA	3722N	00600W	14	31	1013.3	1015.0	17.8	-1.5	16.2	1.6	10	115	47	5	144
ALMERIA/AEROPUERTO	3651N	00223W	21	31	1011.9	1014.3	21.1	1.5	12.4	-3.0	3	65	34	5	90
GIBRALTAR															
GIBRALTAR	3609N	00521W	5	1015.9	1016.3	18.9	-0.4	16.6	-0.3	9	125	61	5	163	
PORTUGAL															
HORTA (ACORES)	3831N	02838W	62	31	1014.5	1021.9	17.6	-1.6	14.5	-3.1	10	89	-21	3	105
PONTA DELGADA (ACORES)	3745N	02540W	36	31	1016.6	1020.9	18.0	-1.0	15.3	-2.1	8	108	5	5	115
SANTA MARIA (ACORES)	3658N	02510W	100	31	1008.8	1020.8	18.4	-1.0	14.4	-2.6	7	175	78	5	55
LISBOA	3843N	00909W	95	31	1005.9	1017.2	17.0	-1.2	16.0	1.4	17	110	48	5	55
PORTO/SERRA DO PILAR	4108N	00836W	100	31	1002.1	1013.9	15.3	-0.5	13.9	0.1	23	326	221	5	45

EUROPE-PORTUGAL

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.
EUROPE													
GERMAN DEMOCRATIC REPUBLIC													
WARNEMUENDE	5411N	01205E	10	1016.4	1017.6	9.7	0.0	9.8	-0.6	4	-7	-36	1 138 125
GREIFSWALD	5406N	01324E	6	1018.1	1018.8	9.2	0.1	9.4	-0.6	4	12	-35	1 144 125
POTSDAM	5223N	01304E	100	1006.8	1019.0	9.0	-0.1	9.6	-0.3	4	21	-20	2 141 115
LINDENBERG	5213N	01407E	112	1005.7	1019.4	9.3	0.2	9.8	0.2	3	13	-29	1 134 110
LEIPZIG-SCHKEUDITZ	5125N	01214E	133	1001.7	1017.9	9.5	0.1	9.5	-0.3	2	10	-33	1 134 140
DRESDEN-KLOTZSCHE	5108N	01347E	226	991.4	1018.9	10.1	1.0	9.3	-0.3	3	31	-26	3 145 115
GOERLITZ	5110N	01457E	238	990.8	1019.8	9.7	0.9	9.5	0.1	2	14	-36	1 152 120
MEININGEN	5034N	01023E	453	963.1	1017.6	7.9		8.6		10	43		1 114
ERFURT-BINDERSLEBEN	5059N	01058E	323	978.6	1017.7	8.9	0.4	9.1	-0.2	5	21	-20	1 125 115
FICHTELBERG	5026N	01257E	1215	879.3	1488	3.7	-0.6	7.3	0.5	7	38	-39	1 111 105
GERMANY, FEDERAL REPUBLIC OF													
SCHLESWIG	5432N	00933E	48	1009.8	1015.3	9.5	0.3	9.9	0.0	11	85	3	3 118 116
HAMBURG-FUHLSBUETTEL	5338N	01000E	16	1014.1	1016.2	10.0	0.6	9.9	0.1	9	49	-9	3 116 116
EMDEN-HAFEN	5321N	00712E	12	1011.8	1013.3	10.3	0.3	10.4	0.2	11	60	-8	3 125 130
HANNOVER	5228N	00942E	54	1009.3	1015.9	9.7	0.3	10.2	0.3	9	45	1	4 122 116
BERLIN-TEMPELHOF	5228N	01324E	49	1012.8	1018.6	9.9	0.1	9.9	0.5	3	16	-26	2 138 125
ESSEN	5124N	00658E	161	994.4	1013.8	11.2	0.8	10.5	0.4	11	80	15	4 130 133
KASSEL	5118N	00927E	233	987.7	1015.8	9.5	-0.1	9.7	0.2	11	48	-3	3 109 106
GEISENHEIM	4959N	00757E	120	1000.8	1015.4	10.4	0.7	10.6	0.9	11	72	34	5 91 92
STUTTGART/SCHNARRENBERG	4850N	00912E	311	979.1	1016.2	10.7	1.0	10.4	1.0	11	59	25	5 116
NUERNBERG	4930N	01105E	312	980.1	1017.5	9.5	0.9	9.3	0.4	7	28	-16	2 119 95
MUENCHEN-RIEM	4808N	01142E	529	954.7	1017.3	9.3	1.1	9.9	1.2	5	24	-34	2 112 85
KONSTANZ	4741N	00911E	447	963.5	1016.4	10.5		10.7		10	37	2	73 75
ZUGSPITZE	4725N	01059E	2962	709.5	3069	-0.7	1.8	4.5	1.1	7	44	-76	2 162 92
AUSTRIA													
ST. POELTEN	4812N	01537E	282	984.6	1019.3	10.5	1.7	10.1	1.0	6	28	-11	3 131 115
WIEN/HOHE WARTE	4815N	01622E	209	994.6	1020.1	10.8	0.9	10.3	0.7	4	28	-16	2 110 85
INNSBRUCK-FLUGHAFEN	4716N	01121E	598	945.8	1017.0	10.8	1.9	9.6	1.1	6	32	-28	2 136 95
SONNBLICK	4703N	01257E	3107	696.5	3066	-1.6	2.2	4.4	0.8	14	80	-33	2 130 88
SALZBURG-FLUGHAFEN	4748N	01300E	450	963.5	1016.7	10.4	1.7	9.6	0.4	7	40	-27	2 139 103
LAGENFURT-FLUGHAFEN	4639N	01420E	452	965.3	1020.9	9.2	1.2	10.2	1.3	10	88	12	4 73 62
GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	978.6	1021.0	10.3	1.8	11.4	2.2	8	45	-16	3 75 56
CZECHOSLOVAKIA													
CHEB	5005N	01224E	471	962.2	1018.8	8.0	0.5	8.8	0.3	5	27	-12	3 119 119
PRAHA/RUZYNE	5006N	01417E	369	975.2	1019.8	8.4	0.2	9.1	0.4	3	19	-19	2 140 116
PRAHA-LIBUS	5000N	01427E	304	984.0	1021.0	9.6	1.9	9.3	0.8	3	17	-15	2
BRNO/TURANY	4909N	01642E	246	991.2	1021.1	10.3	1.4	9.5	0.7	6	36	4	4 118 94
OSTRAVA/MOSNOV	4941N	01807E	256	950.4	1021.8	9.4	0.8	9.5	0.7	9	54	8	4 117 100
SLIAC	4838N	01909E	318	984.7	1023.2	9.6	1.4	9.1	0.3	5	37	-15	3 119 93
POPRAD/TATRY	4904N	02015E	707	939.9		6.9	0.4	8.0	0.6	2	15	-26	2 124 80
POLAND													
LEBA	5445N	01732E	2	1021.1	1021.4	9.3		9.8		8	64		
ELBLAG	5410N	01926E	43	1018.4	1023.7	9.2		9.2		4	24		
SZCZECIN	5324N	01437E	3	1019.0	1019.8	9.3	-0.3	9.8	-0.1	4	25	-15	3
BIALYSTOK	5306N	02310E	151	1008.4	1027.2	7.0	-0.2	8.1	-0.5	3	5	-46	1 166 177
POZNAN	5225N	01650E	92	1010.7	1021.0	9.3	0.7	9.6	0.2	3	45	6	4 143 134
WARSZAWA-OKCIE	5210N	02058E	107	1011.7	1024.8	8.5	0.3	8.8	-0.3	5	17	-22	2
WROCŁAW II	5106N	01653E	121	1006.4	1021.2	9.4	0.6	9.9	0.3	6	32	-10	3 154 138
WŁODAWA	5133N	02332E	179	1004.9	1027.0	7.7		8.4		3	14		
PRZEMYSŁ	4948N	02246E	280	991.5	1025.8	7.8	-0.9	9.1	0.0	6	43	-4	3
HUNGARY													
MISKOLC	4808N	02048E	119	1008.6	1023.7	9.6	0.2	9.9	0.8	4	20	-19	3 157 119
BUDAPEST-METEOROLOGIA	4731N	01902E	129	1006.8	1022.5	12.2	0.8	9.2	-0.2	1	13	-30	2 122 84
BUDAPEST/LORINC	4726N	01911E	139	1005.2	1022.1	11.6	0.7	9.7	0.3	1	9	-30	1 137 92
DEBRECEN	4729N	02138E	112	1009.0	1023.2	10.8	0.7	10.7	1.3	4	28	-5	3
PECS	4600N	01814E	203	996.7	1021.1	11.6	0.4	10.1	0.7	5	16	-23	2 146 95
SZEGED	4615N	02006E	83	1012.4	1022.6	11.7	0.9	9.0	-0.6	0	2	-28	1 171 105
YUGOSLAVIA													
LJUBLJANA/BEZIGRAD	4604N	01431E	316	983.1	1021.0	11.2		11.7		17	182	4	65 60

EUROPE-YUGOSLAVIA

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
EUROPE	0	0	a	mb	mb	°C	°C	mb	mb	mm	mm	hr	%	%	
YUGOSLAVIA															
ZAGREB/GRIC	4549N	01559E	162	1001.3	1020.8	12.6	1.0	11.3	1.3	10	65	-4	3	95	
BEOGRAD	4448N	02028E	132	1005.8	1021.7	12.8	0.5	9.6	-0.2	5	18	-27	2	173	
SPLIT/MARJAN	4331N	01626E	128	1003.9	1019.0	17.7	1.0	13.4	2.2	8	65	-8	3	160	
SARAJEVO	4352N	01826E	637	946.7	1021.0	11.5	1.3	9.2	0.1	9	80	-5	3	149	
TITOGRAD/GOLUBOVCI	4222N	01915E	33	31	1013.5	1019.5	17.1	1.4	13.3	2.8	7	121	-67	3	184
SKOPJE-PETROVAC	4158N	02139E	239	993.2	1022.1	12.8	0.3	11.7	1.6	7	41	-3	4		
ROMANIA															
BISTRITA	4709N	02431E	367	31	980.7	1025.2	8.0	-0.2	8.8	0.1	5	19	-24	2	
IASI	4710N	02738E	104	31	1013.9	1026.7	9.0	-1.1	9.1	-0.4	5	35	9	4	99
CLUJ-NAPOCA	4647N	02334E	413	31	974.5	1024.2	8.5	-0.1	9.0	0.1	4	35	0	4	134
TIMISOARA	4546N	02115E	88	31	1012.6	1023.3	11.5	0.6	9.9	-0.1	3	15	-22	2	120
SIBIU	4548N	02409E	444	31	971.1	1024.7	7.8	-1.5	8.6	-0.4	4	39	-4	3	100
SULINA	4509N	02940E	9	31	1023.3	1024.4	12.3	-0.8	11.9	-0.4	6	32	10	4	76
BULGARIA															
LOM	4349N	02315E	33	1020.9	1025.0	10.6	-1.4	10.6		4	25	-4	4	109	
VARNA	4312N	02755E	43	1018.9	1024.0	11.9	-1.6	11.1		4	28	1	4	119	
SOFIA (OBSERV.)	4239N	02323E	595	953.5	1023.8	9.3	-1.3	9.1		7	48	10	4	149	
BURGAS	4229N	02729E	28	1020.6	1024.0	12.1	-2.1	11.3		4	42	-12	3	138	
ITALY															
UDINE/RIVOLTTO	4559N	01302E	53	1013.2	1019.7	14.2	1.0	12.5	1.3					92	
TRIESTE	4539N	01345E	20	1016.3	1018.7	15.8	0.9	14.9	4.1						
PISA/S. GIUSTO	4341N	01023E	1	1017.0	1017.7	22.1	7.1	15.5	2.8	12	362	238	5	137	
FALCONARA	4337N	01322E	10	1016.6	1018.4	17.4		15.9		6	61			121	
ROMA/FIUMICINO	4148N	01214E	3	1016.7	1017.1	18.5	2.1	18.7	4.4	9	270	188	6		
NAPOLI/CAPODICHINO	4051N	01418E	72	1010.1	1018.6	18.3	2.4	15.5	2.0	10	245	122	5	175	
MESSINA	3812N	01533E	51	1016.3	1018.3	21.8	2.4	19.1	3.4	2	5	-109	0		
TRAPANI/BIRGI	3755N	01230E	14	1017.0	1018.1	22.1	3.4	21.9	4.8	3	7	-59	1	199	
CATANIA/FONTANAROSSA	3728N	01503E	17	1012.0	1018.2	22.0	3.6	19.1	4.1		193	57	4	92	
ALGHERO	4038N	00817E	40	1013.3	1016.6	19.4	1.5	18.5	3.1	5	81	4	4	175	
CAGLIARI/ELMAS	3915N	00903E	18	1016.0	1016.6	20.5	2.7	20.5	4.8	5	296	235	6	158	
MALTA															
LUQA	3551N	01429E	91	31	1010.6	1019.1	23.3	2.9	21.3	3.7	3	19	-99	0	223
GREECE															
THESSALONIKI/MIKRA	4031N	02258E	4	1022.4	1022.9	15.4	-0.8	12.1	-0.3	8	80	26	4	106	
KERKYRA	3937N	01955E	4	1018.4	1018.9	19.3	1.1	16.6	1.8	9	155	-10	3	144	
LARISSA	3938N	02225E	74	1012.2	1021.1	14.9	-1.3	13.3	1.2	10	62	1	4	101	
ATHINAI/OBSERVATORY	3758N	02343E	107	1007.8	1020.4	17.1	-1.4	13.7	0.1	6	69	5	4	185	
(ATHENI/HELLINIKON)	3754N	02344E	15	1018.7	1020.4	18.4	-1.2	13.0	6	42	-24	3	189		
KALAMATA	3704N	02201E	8	1017.8	1019.1	18.5	-0.8	15.9	1.4	10	120	11	4	167	
SOUDA	3529N	02407E	151	1001.7	1019.7	23.8		14.3		2	17	2	182	85	
HERAKLION	3520N	02511E	39	1014.2	1018.9	19.3	-0.8	14.0	-1.4	1	8	-68	1	186	
TURKEY															
SAMSUN	4117N	03620E	4	1020.3	1020.7	14.4	-1.4	13.5	-0.2	7	58	-17	2		
EDIRNE	4140N	02634E	48	1017.4	1023.6	12.2	-1.7	10.6	-0.3	3	53	-2	3		
ISTANBUL/GOZTEPE	4058N	02905E	40	1017.6	1021.6	14.2	-1.2	13.7	0.7	10	114	52	5		
KASTAMONU	4122N	03346E	799	927.8	1020.8	9.4	-1.0	8.7	-0.4	8	44	12	4		
SIVAS	3945N	03701E	1285	875.1	1020.1	9.0	-1.5	7.8	0.2	9	60	35	5		
ERZINCAN	3944N	03930E	1215	881.2	1018.2	10.5	-1.7	8.4	0.1	7	50	16	4		
CANAKKALE	4008N	02624E	3	1021.2	1021.8	14.8	-0.9	13.2	-0.1	2	18	-34	2		
BURSA	4011N	02904E	100	1009.4	1021.4	14.4	-0.4	11.4	-0.9	9	64	12	4		
ANKARA/CENTRAL	3957N	03253E	894	916.5	1018.9	11.8	-0.9	8.2	-0.1	8	20	-4	3		
AFYON	3845N	03032E	1034	902.4	1020.3	10.7	-1.2	8.4	-0.3	5	23	-12	2		
IZMIR	3826N	02710E	25	1015.7	1018.7	17.6	-0.9	11.6	-2.0	1	2	-41	1		
ISPARTA	3745N	03033E	997	904.6	1017.9	11.6	-1.4	8.0	-0.8	2	5	-34	1		
URFA	3708N	03846E	547	950.4	1012.8	17.9	-2.1	10.8	1.2	9	77	52	5		
DIYARBAKIR	3753N	04011E	677	938.4	1015.7	15.4	-2.0	9.6	-0.2	10	148	121	6		
MUGLA	3712N	02821E	646	941.7	1015.9	15.5	-0.3	9.9	-0.7	3	18	-54	1		
ANTALYA	3642N	03044E	57	1008.2	1013.1	18.5	-1.6	12.1	-2.5	3	298	226	5		
ADANA	3659N	03518E	20	1012.5	1014.9	20.7		12.9		6	76	5			

EUROPE-USSR

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	
EUROPE														
USSR	0°	0°	0'	8										
MURMANSK	6858N	03303E	46	1011.7	1018.0	6.4	5.9	6.9	1.6	5	18	-21	1 61 140	
KANIN NOS	6839N	04318E	49	1013.4	1019.5	4.8	3.3	7.2	1.6	7	18	-31	1 51 15	
ARHANGEL'SK	6435N	04030E	13	1027.4	1028.4	4.8	3.5	7.0	1.4	2	9	-45	0	
REBOLY	6349N	03049E	181	1004.6	1027.2	5.2	3.6	7.4	1.7	5	15	-36	1 74 155	
VYTEGRA	6101N	03627E	59	1025.7	1032.8	4.7	1.7	6.8	0.4	0	T	-78	1	
TALLIN	5925N	02448E	44	1023.0	1027.2	6.7	0.5	7.9	0.3	4	15	-44	1 135 45	
LENINGRAD (TOWN/VILLE)	5958N	03018E	4	1030.5	1031.3	6.4	1.1	7.3	-0.4	2	5	-56	0 107 160	
VELIKIE LUKI	5623N	03036E	98	1020.6	1033.6	4.3	-0.6	6.5	-0.8	3	5	-44	0 164 285	
VOLOGDA	5917N	03952E	118	1019.7	1036.2	2.2	-0.5	5.9	-0.4	0	T	-49	1 128 235	
KIROV	5839N	04937E	164	1015.0	1036.2	1.2	-0.3	5.6	-0.2	1	3	-52	0 101 185	
KAZAN'	5547N	04911E	64	1022.1	1037.3	2.0	-1.3	5.8	-0.3	0	T	-43	1 162 225	
MOSKVA	5545N	03734E	156	1018.3	1038.1	3.6	-1.2	6.1	-0.5	0	T	-56	1	
KIEV	5024N	03027E	179	1010.0	1030.7	6.8	-1.1	7.1	-1.3	3	15	-24	2	
L'VOV	4949N	02357E	325	987.0	1026.3	7.9	0.2	8.4	-0.2	6	41	-8	3	
ODESSA	4629N	03038E	64	1021.2	1026.4	10.2	-0.9	9.4	-0.4	4	29	9	4 135 40	
SIMFEROPOL'	4501N	03359E	205	1001.1	1023.1	9.2	-1.5	9.4	-0.1	6	21	-8	2 175 90	
VORONEZ	5142N	03910E	164	1016.9	1035.6	4.0	-1.8	5.8	-1.2	0	0	-40	0 181 175	
SARATOV	5134N	04602E	156	1011.6	1037.4	2.4	-2.5	5.3	-1.0	0	0	-37	0 203 160	
HAR'KOV	4956N	03617E	152	1013.1	1032.4	6.3	-1.0	6.2	-1.9	0	0	-33	0	
ROSTOV-NA-DONU	4715N	03949E	77	1020.7	1029.1	7.9	-1.2	6.8	-2.1	3	9	-28	1 190 125	
ASTRAHAN'	4616N	04802E	18	1032.0	1034.5	7.1	-2.2	6.8	-1.7	1	3	-13	2 238	
PJATIGORSK	4403N	04302E				1026.5	6.6	-2.2	8.6	-0.4	17	109	75	6 49
SYRIAN ARAB REPUBLIC														
KAMISHLI	3703N	04113E	455	962.0	1013.9	20.1	-1.2	10.0	1.1	10	89	72	6 225 65	
ALEPPO	3611N	03713E	393	970.2	1015.5	18.3	-1.4	10.3	-1.6	8	78	57	5 214 65	
LATTAKIA	3532N	03546E	7	1013.9	1014.8	21.2	-1.2	15.5	-1.9	10	930	866	6	
ISRAEL														
BEN-GURION INT. AIRPORT	3200N	03454E	49	1008.9	1013.6	20.7	-1.4	18.5	1.6	5	50	24	5 238 85	
JERUSALEM	3147N	03513E	809	928.2	1507	17.1	-3.3	14.8	2.5	9	56	33	5 230 80	
EILAT	2933N	03457E	13	1011.4	1012.5	25.5	-1.4	15.4	1.9	2	32	31	6 298 106	
JORDAN														
H-4 'IRWAISHED'	3230N	03812E	688	31	936.0	1012.6	19.8	-1.2	10.8	1.4	3	54	48	6 91
AMMAN AIRPORT	3159N	03559E	768	31	925.6	1013.0	18.7	-1.5	12.2	0.8	5	33	27	5 236 78
MA'AN	3010N	03547E	1070	31	888.0	1475	18.1	-1.6	11.7	2.9	1	4	0	4 90
ASIA														
USSR														
POLAR GMD IM.E.T. KRENKELJA	8037N	05803E	20	1004.3	1007.2	-17.4	-5.4	1.5	-1.5	10	45	23	6 28	
OSTROV VIZE	7930N	07659E	18	1003.1	1004.6	-15.3	-3.4	2.1	-0.2	10	39	19	5 17	
GMO IM.E.K. FEDOROVA	7743N	10417E	13	999.1	1001.1	-10.5	2.4	2.0	-0.1	14	52	32	6 7	
OSTROV DIKSON	7330N	08014E	20	1002.5	1008.5	-5.6	3.1	3.8	0.5	19	52	24	5 27	
HATANGA	7159N	10228E	24	1003.5	1007.8	-11.1	-1.9	2.6	0.4	14	46	18	5	
OSTROV KOTEL'NYJ	7600N	13754E	10	1006.2	1007.2	-14.4	-2.3	1.9	-0.4	2	10	-6	2	
COKURDAH	7037N	14753E	48	1003.1	1011.2	-15.0	-2.3	2.2	-0.1	8	18	-4	3 60 140	
OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6	1005.5	1010.9	-10.0	-0.4	2.7	-0.1	5	20	-4	5 14	
MYS KAMENNYJ	6828N	07336E		1015.3	1016.4	-1.6	-4.5	4.9	1.7	6	20	-32	2	
NAR' JAN-MAR	6739N	05301E	7	1020.5	1021.8	3.0	5.7	6.7	2.2	11	28	-15	2 31 80	
HOSEDA-HARD	6705N	05923E	84	1011.4	1022.0	1.6	6.7	6.2	2.3	11	47	7	4 18 45	
SALEHARD	6632N	06632E	35	1018.4	1020.4	-0.3	5.4	5.4	1.7	4	12	-24	0 53	
TURUHANSK	6547N	08757E	32	1011.4	1016.3	-6.4	-0.3	3.8	0.3	18	97	-39	5 53 100	
TARKO-SALE	6455N	07749E	27	1015.3	1019.2	-3.0	2.9	4.6	0.9	10	35	-17	2	
NJAKSIMVOL'	6226N	06052E	50	1020.4	1026.9	1.6	4.6	5.4	0.9	2	8	-45	0 158	
SYKTYVKAR	6140N	05051E	96	1017.5	1032.5	-2.0	1.7	6.0	0.8	4	14	-41	0	
BOR	6136N	09000E	63	1012.0	1019.4	-4.1	-1.2	4.3	0.1	17	55	-4	3 34 80	
HANTY-MANSIJSK	6058N	06904E	40	1019.2	1025.2	0.2	1.7	5.4	0.6	5	16	-38	0 103	
ESSEJ	6828N	10222E	271	977.2	1012.0	-10.8	2.7	2.5	0.1	8	12	-17	2 70 55	
OLENEK	6830N	11226E	127	981.6	1009.8	-11.1	1.4	2.2	-0.9	12	10	-15	1	
ODZARDZAN	6844N	12400E	45	1005.2	1010.3	-13.1	-1.1	2.1	-0.3	6	19	-17	2	
VERHOJANSK	6733N	13323E	137	993.9	1012.3	-18.1	-2.8	1.6	-0.3	2	6	-8	1 137 185	
TURA	6410N	10004E	186	991.5	1015.4	-7.4	-0.3	3.1	0.2	3	18	-9	2 71 125	
VILJUJSK	6346N	12137E	107	997.4	1011.8	-8.7	-0.7	2.8	-0.2	10	35	13	5 53 75	

ASIA-USSR

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	% OF AV.
ASIA	0°	0°	0'	b	b	b	b	b	b	b	b	b
USSR												
DJMJAKON	6316N	14309E	726	920.4	1016.8	-20.3	-3.6	1.7	-0.2	6	22	7 4 153 125
SUNTAR	6209N	11739E	124	996.5	1013.7	-7.1	-0.7	3.1	0.1	9	24	3 3 76 90
ERBOGACEN	6116N	10801E	291	979.5	1016.9	-6.6	-0.5	3.3	0.3	9	39	9 4 186
JAKUTSK	6205N	12945E	103	999.4	1012.5	-9.9	-1.2	2.6	-0.2	7	26	5 4 69 75
MYS SMIDTA	6855N	17929W	7	1010.2	1010.8	-9.4	-0.7	2.9	0.0	4	18	-14 1 42
ILIRNEJ	6720N	16814E	426	966.9	1012.6	-11.7	2.3	2.5	0.5	2	8	-5 2 115 125
UST'-OLOJ	6633N	15925E	125	994.8	1010.7	-8.4	3.1	3.1	0.7	12	33	15 6 34
MYS UELEN	6610N	16950W	7	1004.1	1004.6	-2.0	0.3	5.1	0.4	12	46	-1 3 22
ZYRJANKA	6544N	15054E	43	1006.2	1012.0	-13.2	-1.9	2.4	-0.1	7	30	10 5 68 80
ANADYR'	6447N	17734E	62	999.6	1007.5	-5.2	1.3	3.9	0.5	4	11	-5 3 88 30
SE JMCAN	6255N	15225E	207	984.4	1011.9	-12.3	-0.5	2.4	0.0	9	51	31 6 97
KAMENSKOE	6229N	16613E	8	1005.9	1007.2	-4.1	2.8	3.8	0.1	9	25	-3 3 105 65
KORF	6021N	16600E	3	1004.9	1005.4	0.2	1.8	5.0	0.6	9	46	1 4 114 95
TOBOL'SK	5809N	06811E	44	1020.8	1027.0	0.5	0.2	5.3	0.2	6	21	-18 2 107 165
OMSK	5456N	07324E	94	1011.2	1026.7	0.6	-0.9	5.5	0.3	8	25	-5 3 85 90
KUSTANAJ	5313N	06337E	171	1011.4	1031.0	2.4	-0.3	6.0	1.3	3	10	-16 1 164 150
KOLPASEV	5818N	08254E	76	1012.7	1022.3	-1.0	-0.3	5.1	0.3	14	39	-3 3 51 30
ENISEJSK	5827N	09209E	78	1011.8	1021.9	-2.3	-1.8	4.5	0.0	17	48	5 4 54 90
BOGUCANY	5825N	09724E	134	1001.0	1004.1	-2.8	-1.8	4.0	-0.1	10	32	10 5 50 15
KRASNOJARSK	5600N	09253E	194	988.6	1023.4	-1.6	-2.6	4.3	-0.2	13	64	29 5
BARNAUL	5320N	08342E	196	1002.9	1026.2	0.1	-2.3	5.5	0.1	14	64	19 4 71 70
MINUSINSK	5342N	09142E	251	994.1	1025.7	0.6	-1.0	5.3	0.3	10	43	19 5
KIRENSK	5746N	10807E	258	987.7	1020.5	-3.3	-0.7	3.7	-0.3	11	34	10 4 56
BRATSK	5604N	10150E	326	970.3	1022.2	-1.6	-1.2	4.1	-0.3	10	28	9 5 81
KALAKAN	5507N	11645E	613	940.2	1019.1	-8.2	-1.8	2.1	-0.6	6	46	34 6 186
BOGDARIN	5428N	11335E	995	909.4	1019.3	-5.2	1.3	2.4	-0.2	2	4	-6 2
UST'-BARGUZIN	5326N	10859E	457	964.2	1021.0	-0.2	0.4	4.7	0.6	10	45	15 4
MOGODA	5344N	11947E	619	939.5	1016.8	-4.9	-0.5	3.0	0.1	5	41	29 6 190 115
IRKUTSK	5216N	10421E	485	965.6	1023.8	-0.7	-1.4	4.4	0.0	5	21	-6 3 154 115
CITA	5201N	11320E	685	938.0	1019.7	-1.0	0.6	3.6	0.3	3	12	1 4 167 95
ALDAN	5837N	12522E	682	931.3	1015.7	-8.0	-1.4	2.9	-0.1	17	51	-6 3 61 65
CHOTSK	5922N	14312E	6	1005.2	1005.9	-4.4	-1.7	3.5	-0.3	6	55	14 4
AJAN	5627N	13809E	9	1008.5	1009.6	-1.0	-1.3	3.4	-0.3	4	31	-48 2 144 95
BOMNAK	5443N	12856E	357	968.2	1012.4	-3.9	-0.8	3.7	0.4	9	78	43 5
NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1002.4	1008.1	1.2	-0.4	5.1	-0.2	8	51	-2 3
IM POLINY OSIPENKO	5225N	13630E	73	1000.9	1010.0	0.9	-0.5	4.2	0.2	5	50	15 4 155 95
BLAGOVESCHENSK	5016N	12730E	137	997.0	1013.4	2.6	0.3	4.7	0.5	4	12	-11 3
HABAROVSK	4831N	13510E	72	1001.4	1012.5	5.4	1.0	5.7	0.5	4	52	10 4 194 105
VLADIVOSTOK	4307N	13154E	138	995.0	1017.3	8.7	0.3	8.2	1.1	6	64	2 3 191 115
JUZNO-SAHALINSK	4655N	14244E	31	1009.9	1012.8	6.4	0.5	7.7	0.3	6	66	-21 2 175
SIMUSIR	4651N	15152E	26	1009.1	1012.2	7.4	0.6	8.9	0.6	13	180	-14 3 168
ICA	5542N	15538E	4	1004.7	1005.5	2.4	-0.6	6.5	0.1	21	83	-33 2
PETROPAVLOVSK-KAMCatskij	5258N	15845E	7	1003.4	1006.4	4.4	-0.4	6.0	0.1	9	186	62 5 193 120
NIKOL'SKOE (OSTROY BERINGA)	5512N	16559E	6	1001.8	1003.6	4.2	-0.6	7.0	0.0	15	88	9 4 133 135
ORENBURG	5145N	05506E	109	1020.0	1034.8	2.9	-1.2	5.9	0.0	1	7	-35 1
KARAGANDA	4948N	07308E	555	962.5	1031.1	-0.3	-3.1	5.0	0.0	8	33	5 4 129
BALHAS	4654N	07500E	423	986.5	1030.0	3.2	-2.7	5.1	-0.8	4	12	0 3 236
SAM	4525N	05612E	82	1019.9	1031.7	5.3	-2.5	5.0	-1.8	2	3	-11 1
SEMIPALATINSK	5021N	08015E	205	1004.2	1028.9	1.4	-2.6	5.5	0.1	4	14	-11 2 111 75
ALMA-ATA	4314N	07656E	847	927.3	1028.4	4.5	-4.7	6.8	-0.1	9	70	18 4
FORT SEVCENKO	4433N	05015E	-20	1032.8	1029.9	9.7	-2.6	7.2	-1.8	1	7	-9 2 237 135
CIMBAJ	4257N	05949E	66	1021.0	1029.1	7.0	-2.4	6.4	-0.9	1	6	-3 3 282
TAMDY	4144N	06437E	220	1028.5	9.7	-3.1	4.4	-1.8	0	0	-13 0	77
TASKENT	4116N	06916E	428	967.5	1025.8	3.4	-9.6	7.8	-0.4	8	49	16 4 194 85
KRASNODVODSK	4002N	05259E	89	1015.3	1025.3	10.3	-4.4	6.5	-3.1	7	19	11 5 217 65
CARDZOU	3905N	06336E	193	1001.9	1025.4	10.3	-3.9	6.7	-0.6	2	19	14 6 253 75
ASHABAD	3758N	05820E	228	998.5	1026.2	11.4	-4.1	8.0	-1.6	6	35	17 5 178 50
SAUDI ARABIA												
TURAIF	3141N	03840E	818	921.9	1510	19.2		10.1		3	57	
ARAR	3054N	04108E	552	950.9	1013.1	21.5		10.9		6	26	
GURIAT	3125N	03716E	504	955.8	1013.0	20.7		11.2		2	37	
AL-JOUF	2947N	04006E	689	936.5	1013.3	23.5		11.0		6	48	
RAFHA	2938N	04329E	447	962.0	1012.2	24.1		12.5		5	29	
HAFR AL-BATIN	2820N	04607E	360	971.3	1011.4	27.3		10.9		2	14	

ASIA-SAUDI ARABIA

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL MM	DEPARTURE MM	QUINTILE	
ASIA															
SAUDI ARABIA	0°	0°	0	3											
TABUK	2822N	03638E	776		926.8	1012.4	22.9	-1.1	10.3	1.3	1	26	26	6	
HAIL	2726N	04141E	1013		902.5	1532	Y	23.9	-0.3	11.6	4	39	29	5	
WEJH	2612N	03628E	21		1008.0	1010.4	26.8	0.9	22.7	-0.7	0	0	0	5	
GASSIM	2618N	04346E	650		939.1	1009.1	26.5	0.2	9.8	5	125	124	6		
DAHRAN	2616N	05009E	17		1009.6	1011.5	28.9	0.3	22.7	1.2	0	0	-1	0	
AL AHSA	2517N	04929E	177		991.7	1011.6	28.2	16.9	0	0	0	0	0		
MADINAH	2433N	03942E	636		939.1	1008.0	30.2	0.8	10.1	3.4	2	2	1	5	
YENBO	2409N	03804E	6		1008.4	1009.1	29.2	24.2	0	0	0	0	0		
JEDDAH(KING ABDUL AZIZ IAP)	2140N	03909E	18		1007.0	1007.8	29.8	26.4	0	0	0	0	0		
MAKKAH	2129N	03950E	310		982.4	1016.8	32.0	22.8	0	0	0	0	0		
TAIF	2129N	04033E	1454		856.4	1519	Y	23.6	16.5	6	38	0	0		
AL BAHIA	2018N	04138E	1662		837.9	1533	Y	23.3	11.0	1	2	0	0	287	
SULAYEL	2028N	04537E	614		943.6	0	31.4	9.9	0	0	0	0	0		
BISHA	1959N	04237E	1163		885.0	1515	Y	26.1	8.4	1	9	0	0	281	
ABHA	1814N	04239E	2093		794.3	1502	Y	19.0	11.5	0	0	0	0		
KHAMIS MUSHAIT	1818N	04248E	2054		798.8	1514	Y	20.0	9.4	1	4	0	0	281	
NAJRAN	1737N	04426E	1210		880.8	1519	Y	25.1	4.7	0	0	0	0	326	
SHARURAH	1728N	04707E	722		930.6	1008.7	28.8	9.0	0	0	0	0	0		
GIZAN	1654N	04235E	3		1007.8	1008.1	32.1	31.0	0	0	0	0	0		
KUWAIT															
KUWAIT INT. AIRPORT	2913N	04759E	55		1007.0	1013.6	27.7	16.5	0	2	5	0	200	70	
AFGHANISTAN															
MAZAR-I-SHARIF	3642N	06712E	378	31	978.8	1024.0	14.2	-3.3	6.3	-0.7	3	25	20	78	
HERAT	3413N	06213E	964	31	909.5	1020.0	14.4	-1.7	6.5	-0.4	1	2	-1	4	
CHAKHCHARAN	3432N	06516E	2230	31	799.2	1566	Y	6.3	-0.6	4.3	0	0	-11	1	
KABUL AIRPORT	3433N	06913E	1791	31	822.8	1516	Y	14.2	0.7	5.4	0	0	16	5	
BAHRAIN															
BAHRAIN MUHARRAQ	2616N	05037E	2		1013.0	1013.2	29.6	26.4	0	0	T	3	0		
QATAR															
DOHA INTERNATIONAL AIRPORT	2515N	05134E	10		1011.5	1012.4	29.5	24.6	0	0	T	0	313		
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AIRPORT	2426N	05428E	3		1011.2	1011.7	29.0	23.1	0	0	0	5	312	105	
OMAN															
SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15		1010.8	1012.4	29.5	22.7	0	1	13	0	0		
SUR	2235N	05931E	5		1010.7	1012.2	29.4	25.1	0	2	11	0	0		
MASIRAH	2040N	05854E	19		1010.3	1012.5	27.7	24.6	0	0	0	0	4		
THUMRAIT	1740N	05402E	467		962.0	0	27.0	15.5	0	0	0	0	0		
SALALAH	1702N	05405E	22		1009.2	1011.9	27.2	25.8	0	0	0	0	0		
PAKISTAN															
PESHAWAR	3401N	07135E	360		1009.7	1009.7	23.1	-0.6	15.7	-0.1	2	54	42	5	
PARACHINAR	3352N	07005E	1726		828.9	1513	Y	17.9	1.2	6.7	2	4	-30	1	
JHELUM	3256N	07343E	234		983.1	1010.2	24.9	-0.2	17.9	0.1	3	22	15	6	
ZHOB	3121N	06928E	1407		860.5	1495	Y	20.0	-0.2	5.7	0	0	-3	3	
DERA ISMAIL KHAN	3149N	07055E	173		990.3	1009.6	25.1	-0.5	15.7	-2.0	0	0	-5	0	
LAHORE CITY	3133N	07420E	215		985.5	1009.7	26.5	0.9	17.5	-0.5	3	29	18	5	
QUETTA AIRPORT	3015N	06653E	1589		1530	Y	14.9	0.8	4.5	-2.2	0	0	-2	4	
MULTAN	3012N	07126E	123	31	995.9	1009.9	26.5	-0.7	17.5	0.3	0	0	-1	4	
JACOBABAD	2818N	06828E	56		1002.5	1009.1	27.3	-0.7	14.1	-4.1	0	0	-3	4	
PANJGUR	2658N	06406E	981	31	905.2	1521	Y	21.9	0.0	16.5	5.0	0	0	-1	5
JIWANI	2504N	06148E	57		1004.7	1011.2	26.9	-0.2	20.3	-3.9	0	0	-1	4	
HYDERABAD	2523N	06825E	30		1005.9	1009.3	31.0	1.4	17.3	-1.4	0	0	-3	5	
CHHOR	2531N	06947E	6		1008.1	1008.9	29.1	1.1	14.8	-4.1	0	0	-5	4	
KARACHI AIRPORT	2454N	06708E	22		1007.7	1010.3	28.7	0.9	8.2	-14.0	0	0	-5	5	
INDIA															
SRINAGAR	3405N	07450E	1587	31	844.5	1531	Y	13.1	-0.8	10.9	0.4	9	128	89	5
AMRITSAR	3138N	07452E	234		984.0	1010.5	23.9	-0.5	20.9	1.0	2	38	-13	5	
MUKTESWAR KUMAON	2928N	07939E	2311		3166	Z	15.5	1.3	10.1	-0.1	0	0	246	85	

ASIA-INDIA

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE
ASIA														
INDIA														
BIKANER	2800N	07318E	224				1009.3	30.3	3.0	9.3	-4.9	10	45	
NEW DELHI/SAFDARJUNG	2835N	07712E	216		985.5	1009.7	27.5	1.3	18.9	1.4	1	1	-342	257 89
AGRA	2710N	07802E	169			1009.3				17.1	-2.0	1	6	-253
DIBRUGARH/MOHANBARI	2729N	09501E	111		999.3	1011.9	24.9	0.0	25.7	0.2	10	71	-892	
JODHPUR	2618N	07301E	224			1008.9	30.1	2.1	10.6	-5.4				
DARBHANGA	2610N	08554E	49		1004.6	1010.1	26.4	-0.4	32.8	4.9	3	27	-383	
GAUHATI	2606N	09135E	54		1005.2	1011.3	26.1	0.1	28.5	0.5	6	128	444	
KOTA AERODROME	2509N	07551E	274			1009.9	29.5			14.0	4	66		
ALLAHABAD/BAMHRAULI	2527N	08144E	98		999.7	1010.3	25.9	-1.0	27.6	4.2	4	99	595	
CHERRAPUNJI	2515N	09144E	1313	31	870.8	1520	19.3	0.1	18.3	-0.2	12	119	-3661	
DALTONGANJ	2403N	08404E	221		984.3	1010.7	26.1	0.1	24.6		3	41	-63	
DUMKA	2416N	08715E	149		991.1	1007.8	28.4	1.8	29.7	2.8	3	10	-1341	
AHMADABAD	2304N	07238E	55	31	1003.4	1009.5	31.3	2.9	17.9	-2.6	0	0	-113	312106
SAGAR	2351N	07845E	551		949.5	1010.1	26.1	0.5	18.1	-0.7	2	11	-383	
DWARKA	2222N	06905E	11	31	1009.1	1010.3	28.5	0.9	31.6	3.1	0		-104	
INDORE	2243N	07548E	567		947.7	1009.8	26.5	1.5	15.3	-0.8	2	67	314	
CALCUTTA/ALIPORE	2232N	08820E	6	31	1010.2	1010.9	28.2	0.3	28.6	0.1	7	111	-403	218105
NAGPUR SONEGAON	2106N	07903E	310		975.9	1010.6	26.6	0.4	22.3	2.0	7	69	184	24996
VERVAL	2054N	07022E	8	31	1008.3	1009.3	28.9	1.3	28.6	0.5	0	0	-273	
AKOLA	2042N	07702E	282		978.3	1009.7	27.5	0.5	19.6	0.8	7	47	24	
BHUBANESWAR	2015N	08550E	46		1005.5	1011.0	28.2		28.8		6	110		
JAGDALPUR	1905N	08202E	553		949.7	1010.7	25.1	0.1	23.7	0.9	7	51	-542	
BOMBAY/COLABA	1854N	07249E	11		1008.1	1009.3	30.0	1.5	30.5	1.4	5	47	-183	20280
POONA	1832N	07351E	559		948.1	1009.8	24.5	-0.8	21.3	1.6	7	166	905	23798
HYDERABAD AIRPORT	1727N	07828E	545		949.9	1009.7	26.3	1.1	22.6	2.1	7	130	415	21489
VISHAKHAPATNAM	1743N	08314E	3		1009.9	1010.3	28.7	0.7	27.6	-0.6	9	234	84	
MACHILIPATNAM (FRANCHPET)	1612N	08109E	3		1009.4	1009.7	27.9	0.3	30.7	1.0	11	261	474	
GOA/PANJIM	1529N	07349E	60		1002.7	1009.4	28.2	-0.5	29.3	0.7	9	187	764	
BELGAUM/SAMBRA	1551N	07437E	747		927.7	1009.3	24.5		21.1		10	81		
MADRAS/MINAMBAKKAM	1300N	08011E	16		1007.7	1009.4	28.5	0.5	30.9	2.2	17	303	24419695	
BANGALORE	1258N	07735E	921		909.5	1508	24.1	0.7	22.4	1.9	11	144	-342	16392
KOZHIKODE	1115N	07547E	5		1009.3	1009.9	27.9		30.7		16	431	5	
PORT BLAIR	1140N	09243E	79	31	1001.4	1010.2	26.5	0.1	30.5	0.8	23	308	33180100	
PAMBAN	0916N	07918E	11		1008.2	1009.5	29.1	1.0	30.9	-0.2	14	349	1645	
MINICOY	0818N	07309E	2		1009.3	1009.5	28.5	1.4	31.9	4.9	15	133	-532	
TRIVANDRUM	0829N	07657E	64		1002.7	1009.9	27.2	0.6	31.5	2.5	19	415	133512171	
SRI LANKA														
MANNAR	0859N	07955E	3		1009.3	1009.7	27.5	-0.3			434	2516		
COLOMBO	0654N	07952E	7		1009.7	1010.5	27.4	0.6	32.1	2.4	22	507	1114	
MONGOLIA														
ULAN-GOM	4948N	09205E	936		913.6	1031.7	-1.0				6	7		
ULGI	4858N	08958E	1714		829.2	1030.0	-8.1				1	13		
MUREN	4938N	10010E	1288		872.8	1024.1					3	12		
BULGAN	4848N	10333E	1210		889.6	1022.9	-11.7		2.8			2		
CHOIBALSAN	4804N	11430E	756		927.0	1001.0	33.0		0.1			1		
ULIASTAI	4745N	09651E	1753		822.7	1023.2	-3.2				5	17		
ALTAI	4624N	09615E	2147		785.7	1025.8	-9.4		2.2		15	34		
ARBAIHER	4616N	10247E	1813		817.8	1023.7	-1.9		3.8		5	19		
ULAN-BATOR	4756N	10659E	1338		870.6	1023.3	-0.5				3	13		
MANDALGOVI	4546N	10617E	1398		861.1	1028.3	-8.1		4.0		6	22		
SAINSHAND	4454N	11007E	936		911.0	1021.0	3.1				4	10		
DALANZADGAD	4335N	10425E	1470		854.2	1022.1	2.3		4.1		4	21		
NEPAL														
KATHMANDU AIRPORT	2742N	08522E	1337		867.1	1510	Y 19.3	-0.6	18.3		3	157	1206	204
HONG KONG														
ROYAL OBSERVATORY	2218N	11410E	62		1006.6	1013.8	25.7	0.7	26.6	3.6	6	73	-484	17676
DPR KOREA														
CHUNGGANG	4147N	12653E	332		980.9	1020.4	8.1		7.7		8	9	5	
YESAN	4124N	12810E	714		934.7	1020.7	6.3		6.8		5	19		
KIMCHAEK	4040N	12912E	23		1015.3	1018.1	11.6		10.5		2	27		

ASIA-DPR KOREA

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL MM	DEPARTURE MM	QUINTILE	
ASIA	0°	0°	0	7											
DPR KOREA															
SINUIJU	4006N	12423E	7	1019.6	1020.5	12.5	10.4	3	20	1					
WONSAN	3911N	12726E	36	1014.9	1019.9	14.1	10.8	6	60	3					
PYONGYANG	3902N	12547E	38	1015.8	1020.4	12.9	11.3	5	36	2					
REPUBLIC OF KOREA															
KANGNUNG	3745N	12854E	27	1015.8	1019.0	16.2	1.7	4	720	604	6	178	82		
INCHON	3729N	12638E	70	1010.6	1019.0	15.5	1.1	4	13	-30	1	191	78		
PUSAN	3506N	12902E	71	1010.1	1018.5	18.2	1.1	2	561	498	6	189	87		
MOKP'O	3447N	12623E	56	1012.6	1019.2	17.6	1.3	4	48	-2	3	176	81		
JAPAN															
WAKKANAI	4525N	14141E	11	1012.5	1013.8	11.1	0.5	15	114	-13	3	157	100		
ASAHIKAWA	4346N	14222E	116	31	1001.8	1015.8	9.6	1.1	12	90	-14	3	154	111	
ABASHIRI	4401N	14417E	43	31	1009.6	1014.8	11.1	1.1	6	72	-10	3	207	116	
SAPPORO	4303N	14120E	19	1013.6	1015.8	11.9	1.3	10	119	4	4	197	119		
NEMURO	4320N	14535E	26	1011.9	1015.0	11.6	0.8	14	167	35	4	201	116		
URAKAWA	4210N	14247E	33	31	1012.1	1016.0	12.2	0.5	7	77	-44	2	185	99	
AKITA	3943N	14006E	10	1016.8	1018.0	13.9	0.8	7	66	-95	1	155	97		
MIYAKO	3939N	14158E	47	1011.9	1017.5	13.5	0.6	7	52	-86	1	189	117		
SENDAI	3816N	14054E	43	1012.9	1018.1	15.3	1.0	12	21	-95	0	174	117		
WAJIMA	3723N	13654E	6	1016.4	1018.1	16.2	0.9	10	110	-70	1	170	108		
NIIGATA	3755N	13903E	6	31	1017.3	1018.1	16.9	1.4	11	93	-59	1	169	117	
KANAZAWA	3633N	13639E	28	31	1014.7	1017.9	17.4	1.3	8	147	-53	2	167	111	
MATSUMOTO	3615N	13758E	611	947.3	1017.7	14.4	1.9	6	47	-51	1	175	102		
MAEBASHI	3624N	13904E	113	31	1004.2	1017.6	17.4	1.8	7	72	-36	2	186	118	
NAGOYA	3510N	13658E	56	31	1010.8	1017.4	18.7	1.8	10	85	-36	2	189	110	
CHOSHI	3543N	14051E	28	31	1013.8	1017.0	18.7	0.5	13	204	-37	2	161	115	
OMAEZAKI	3436N	13813E	47	31	1010.9	1016.3	20.0	1.1	12	121	-70	2	176	104	
TOKYO	3541N	13946E	36	1013.1	1017.3	18.9	1.6	11	193	12	4	165	122		
HACHIJOGIMA	3306N	13947E	80	1006.2	1015.5	21.8	1.0	17	405	-59	3	110	84		
YONAGO	3526N	13321E	8	1017.2	1018.1	17.3	1.2	6	296	162	6	174	105		
HIROSHIMA	3422N	13226E	30	31	1014.1	1017.6	18.7	1.7	9	143	39	5	195	103	
OSAKA	3441N	13531E	50	31	1011.6	1017.5	19.6	1.6	10	101	-13	3	175	106	
SHIONOMISAKI	3327N	13546E	75	1007.5	1016.3	20.3	1.0	15	313	61	4	196	108		
IZUHARA	3412N	12918E	22	31	1015.4	1018.1	19.2	1.5	16	65	-52	2	165	90	
FUKUOKA	3335N	13023E	14	1016.0	1017.6	19.9	2.1	16	84	-16	3	194	103		
OITA	3314N	13137E	13	31	1015.8	1017.3	18.9	1.3	11	313	179	5	189	105	
NAGASAKI	3244N	12952E	35	31	1012.8	1016.9	20.4	1.5	6	83	-20	2	212	106	
KAGOSHIMA	3134N	13033E	5	1015.3	1015.9	21.7	2.1	10	361	253	6	192	97		
MIYAZAKI	3155N	13125E	7	31	1015.3	1016.2	20.5	1.9	13	780	580	6	104		
KOCHI	3333N	13332E	18	31	1014.4	1016.5	19.9	1.5	10	251	74	4	206	112	
SHIMIZU/ASHIZURI	3243N	13301E	33	1012.1	1015.9	21.2	0.8	13	753	521	6	196	106		
NAZE	2823N	12930E	7	1013.5	1014.4	24.3	1.1	18	341	77	4	104	74		
ISHIGAKIJIMA	2420N	12410E	7	1012.6	1013.4	26.8	1.7	21	2.4	6	79	-119	2	222	122
MIYAKOJIMA	2447N	12517E	41	31	1008.8	1013.4	26.5	1.7	14	97	-113	1	138	120	
NAHA	2614N	12741E	36	1007.6	1013.6	26.1	1.8	15	162	-37	3	111			
MINAMIDAITOJIMA	2550N	13114E	15	1010.9	1012.6	26.0	0.9	11	256	72	5	188	112		
BURMA															
MANDALAY	2159N	09606E	76	1005.3	1014.0	28.2	1.0	7	182	73	5				
AKYAB	2008N	09253E	5	1011.3	1011.9	28.1	1.0	10	92	-204	1				
THAILAND															
CHIANG MAI	1847N	09859E	314	975.4	1010.6	28.0	1.8	3	17	-112	0	255	113		
UDON THANI	1723N	10248E	182	990.1	1010.5	28.1	1.2	6	129	46	4				
PHITSANULOK	1647N	10016E	45	1005.4	1010.6	28.8	0.7	8	105	-32	3	243			
NAKHON SAWAN	1548N	10010E	35	1006.5	1010.5	28.5	0.8	9	90	-55	2	232			
NAKHON RATCHASIMA	1458N	10205E	188	989.2	1010.5	27.7	1.2	11	217	-4	3	184	90		
BANGKOK	1344N	10034E	20	1008.1	1010.4	28.6	0.6	15	174	-123	1	217			
ARANYAPRATHET	1342N	10235E	49	1005.3	1010.6	28.8	1.4	9	39	-172	1				
CHANTHABURI	1236N	10207E	4	1009.9	1013.0	28.4	1.1	14	247	-38	3	210			
CHUMPHON	1029N	09911E	5	1009.7	1010.4	28.4	1.5	15	273	-48	2	197			
SONGKHLA	0712N	10036E	5	1009.0	1009.7	28.0	0.6	15	174	-123	1	217			

ASIA-VIET NAM

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN 1 MM	TOTAL	DEPARTURE	QUINTILE	
ASIA	0°	0°	0'	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	
VIET NAM														
HA NOI	2101N	10548E	6	1011.7	1012.4	25.5	27.7	5	125		192	105		
LAO PDR														
LUANG-PRABANG	1953N	10208E	305	975.5	1009.7	25.6	0.4	26.5	-1.0	3	28	-44	2	
VIENTIANE	1757N	10234E	171	992.7	1012.2	27.6	1.4	28.6	-2.7	4	93	22	4	
SENO	1640N	10500E	184	989.3	1010.3	26.2	1.1	27.6	-4	4	45	-40	3	
PAKSE	1507N	10547E	102	999.3	1009.9	28.1	1.8	28.5	2.2	7	60	-1	3	
CHINA														
HAILAR	4913N	11945E	611	943.5	1018.0	0.6	0.0	2	17	9	190	85		
QIQIHAIR	4723N	12355E	148	998.0	1016.3	4.9	0.2	5.3	4	46	7	520	100	
ALTAY	4744N	08805E	737	939.6	1029.1	1.7	-4.1	5.1	5	28	14	5186	85	
YINING	4357N	08120E	663	948.9	1028.9	5.4	-3.9	7.3	11	77	57	6146	65	
URUMQI	4347N	08737E	919	919.2	1028.7	3.5	-4.2	5.7	10	47	27	6160	65	
KASHI	3928N	07559E	1291	874.0	1019.1	10.8	-1.5	7.7	3	21	19	6172	70	
RUOQIANG	3902N	08810E	889	917.2	1020.2	10.4	-1.1	5.2	1	2	2	5257	95	
HOTAN	3708N	07956E	1375	864.5	1017.7	11.3	-1.1	7.2	14	13	6220	85		
HAMI	4249N	09331E	739	934.3	1021.5	8.0	-1.9	6.0	1	19	17	6228	80	
JIUQUAN	3946N	09829E	-1478	855.4	1022.4	6.5	-0.9	4.6	1	3	1	4237	90	
DULAN	3618N	09806E	3192	692.9		4.3	1.7	2.4	2	5	-24	2284	105	
LANZHOU	3603N	10353E	1518	840.5		10.6	1.2	7.7	3	9	-16	1189	90	
ERENHOT	4339N	11200E	966	908.1	1021.5	4.4	-0.3	4.1	3	26	17	5246	90	
YINCHUAN	3829N	10613E	1112	892.5	1019.4	10.3	1.2	8.1	5	7	-7	2188	75	
TAIYUAN	3747N	11233E	779	930.1	1020.7	10.7	0.5	10.9	5	41	8	4186	85	
YANJI	4253N	12928E	178	997.2	1019.1	7.0	0.3	7.3	4	41	18	5212	105	
SHENYANG	4146N	12326E	43	1014.6	1019.9	11.1	1.6	8.5	5	47	7	4226	105	
BEIJING	3956N	11617E	55			14.1	1.6	9.6	2	4	-22	1197	85	
QINGDAO	3604N	12020E	77	1011.3	1020.5	16.9	2.1	14.7	6	70	23	4205	90	
QAMDO	3109N	09710E	3307	684.8		7.7	0.2	6.5	7	47	20	4211	110	
CHENGDU	3040N	10401E	508	958.8	1017.4	17.8	1.0	17.4	8	45	-1	376	115	
XICHANG	2754N	10216E	1599	840.4		17.6	1.0	13.6	6	39	-46	1203	130	
TENGCHONG	2507N	09829E	1649	836.8		16.4	0.4	14.8	5	33	-117	0214	120	
KUNMING	2501N	10241E	1892			16.3	1.4	13.9	7	58	-25	3191	120	
MENGZI	2323N	10323E	1302	871.3	1012.6	19.7	0.8	17.4	5	23	-43	2218	145	
XI'AN	3418N	10856E	398	971.8	1018.6	15.5	1.5	12.4	9	59	-30	3159	105	
ZHENGZHOU	3443N	11339E	111	1005.8	1019.1	15.9	1.0	12.5	6	99	53	5173	85	
YICHANG	3042N	11118E	134	1002.7	1018.6	18.4	-0.1	16.4	6	87	14	3118	80	
ZHIJIANG	2727N	10941E	273	985.4	1017.5	17.4	-0.3	17.6	14	204	95	694	75	
GANZHOU	2551N	11457E	125	1001.4	1016.0	21.7	0.5	20.8	12	125	54	4103	60	
SHANGHAI	3110N	12126E	7	1017.8	1018.6	19.8	1.8	18.4	9	61	11	4139	80	
NANCHANG	2836N	11555E	50	1011.4	1016.8	19.7	0.2	19.6	12	185	136	698	55	
GUANGZHOU	2308N	11319E	8	1013.5	1014.4	24.8	1.1	24.3	3	14	-60	2140	65	
SHANTOU	2324N	11641E	3	1013.3	1014.2	24.3	1.2	24.7	4	16	-46	3156	70	
NANNING	2249N	10821E	73	1005.4	1013.8	24.1	0.8	24.4	8	47	-29	2168	90	
HAIKOU	2002N	11021E	15	1011.2	1012.9	26.3	-1.5	28.5	5	112	-44	4245	120	
AFRICA														
MADEIRA														
FUNCHAL	3238N	01654W	56	31	1010.7	1015.2	21.0	-0.3	16.5	-0.8	8	140	624	85
SPAIN (CANARY ISLANDS)														
SANTA CRUZ DE TENERIFE	2828N	01615W	46	1012.0	1016.2	22.9	0.1	18.1	1.2	9	52	265	215	105
MOROCCO														
MEKNES	3353N	00532W	549	953.3	1016.3	17.4	-0.6	15.0	2.0	5	26	-27	3180	77
CASABLANCA	3334N	00740W	62	1009.8	1016.5	19.4	0.3	18.8	1.7	7	55	174	212	94
ALGERIA														
JIJEL	3650N	00547E	2	1015.6	1016.3	22.8		18.6				203	60	
ANNABA	3650N	00749E	4	1016.1	1016.6	22.1	2.9	18.5	1.6	5	28	-30	2215	116
EL-KALA	3654N	00827E	10	1016.4	1017.7	23.2		18.1			5	28		
DAR-EL-BEIDA	3643N	00315E	25	1012.6	1015.5	22.4	3.6	17.3	1.6	1	21	-88	1190	89
BEJAIA	3643N	00504E	2	1015.8	1016.2	22.2		17.9		4	53			
CONSTANTINE	3617N	00637E	694	938.9	1017.1	19.2	4.3	12.1	0.1	5	53	64	199	97

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm				
AFRICA																	
ALGERIA																	
CHLEF	3613N	00120E	143	999.6	1016.3	21.6	-0.8	14.8	7	28	-54	2	200				
MILIANA	3618N	00214E	715	935.4	1016.4	19.8	-3.0	12.9	3	25	-2	201					
BORDJ BOU ARRERIDJ	3604N	00446E	928	914.0		14.5	-16.0		3	30			212				
SETIF	3611N	00525E	1081	902.8	1551	Y	17.8	10.6	3	29			221				
MOSTAGANEM	3553N	00007E	137	998.5	1014.9	20.8	-17.6			25							
M'SILA	3540N	00430E	441	964.8	1014.9	21.7	-14.0		2	12			207				
ORAN/ES SENIA	3538N	00036W	90	1004.9	1015.5	19.9	-1.0	16.8	1.2	3	46	1	183				
MASCARA GRISS	3516N	00009E	511	957.6	1015.8	19.7	-13.5		4	20			110				
BOU-SAADA	3520N	00412E	461	964.4		21.9	-13.3			5							
BENI-SAF	3518N	00121W	68	1005.9	1013.9	20.5	-19.0		6	45							
MAGHNIA	3449N	00147W	426	967.1	1016.6	19.0	-14.8		0	0			178				
BISKRA	3448N	00544E	87	1006.7	1016.9	24.7	-3.4	12.2	-1.1	1	12	-15	3				
TLEMCEN (ZENATAJ)	3501N	00128W	247	986.6	1015.4	19.4	-15.9		3	32	1	186	50				
DJELFA	3441N	00315E	1144	890.8	1543	Y	17.1	10.6	3	86	58	6	237				
EL. KHEITER	3409N	00004E	1000	903.7	1520	Y	17.6	9.6	2	12			217				
LAGHOUAT	3346N	00256E	765	932.8	1018.8	19.6	-1.7	11.7	4	36	131	4					
MECHERJA	3456N	00026W	1149	890.0	1540	Y	18.1	8.5	1	10			230				
ELBAYADH	3340N	00100E	1341	868.9	1534	Y	17.4	7.8	4	19			280				
TOUGGOURT	3307N	00608E	85	1006.7	1016.6	23.5	-13.6		6	17			265				
EL QUED	3330N	00607E	63	1009.6	1016.9	23.8	-14.4		2	6			75				
AIN SEFRA	3246N	00036W	1058	896.0	1508	Y	19.3	8.7	2	6			270				
GHARDAIA	3223N	00349E	450	964.0	1017.0	23.5	-10.8		2	9			259				
BECHAR	3137N	00214W	773	924.4	1528	Y	22.2	-1.1	7.8	-2.4	1	4	-7				
HASSI-MESSAOUD	3140N	00609E	142	999.8	1016.3	24.8	-12.8		2	8	3	370	131				
IN AMENAS	2803N	00938E	562	952.7	1015.4	24.6	-2.3	7.8	-1.4	0	T	-6	3				
ADRAR	2753N	00017W	263	983.0	1014.6	26.4	-1.7	9.9	2.3	2	6	4	5				
IN SALAH	2712N	00228E	293	993.5	1013.7	28.0	-1.5	11.5	3.7	2	8	7	6				
ILLIZI	2630N	00825E	558	954.9	1014.4	26.2	-10.6		0	0			280				
DJANET	2433N	00928E	1054	899.8	1549	Y	24.8	9.2	0	0	-3	3	275				
TAMANRASSET	2247N	00531E	1378	867.4	1553	Y	23.5	-1.0	6.8	1	4	0	4				
TUNISIA																	
TUNIS CARTHAGE	3650N	01014E	4	1016.8	1017.3	23.1	-3.5	19.2	2.8	1	5	-73	1				
NIGER																	
BILMA	1841N	01255E	357	971.7	1011.5	27.2	-0.8	9.8	1.4	0	0	0	322				
AGADEZ	1658N	00759E	502	955.0	1010.1	29.8	0.3	6.9	-1.8	0	0	0	295				
TILLABERY	1412N	00127E	210	986.2	1009.4	32.0	-1.2	19.0	-0.1	0	0	-20	0				
TAHOUA	1454N	00515E	391	966.2	1009.0	31.2	0.8	12.8	-1.5	0	T	-7	3				
N'GUIGMI	1415N	01307E	286	977.6	1009.3	29.9	0.7	10.8	-2.9	2	3	21	5				
NIAMEY-AERO	1329N	00210E	227	984.1	1009.2	30.6	0.3	20.4	0.5	3	10	-6	3				
BIRNI-N'KONNI	1348N	00515E	273	978.9	1009.5	30.6	-1.4	18.5	0.0	1	2	-15	3				
MARADI	1328N	00705E	373	968.2	1009.2	29.8	1.9	13.9	-3.5	0	0	-8	0				
ZINDER	1347N	00659E	453	959.9	1009.5	30.3	0.7	11.4	-1.1	0	T	-6	3				
MAGARIA	1259N	00856E	403	966.0	1010.5	28.8	0.6	13.4	0	T		3	277				
MAINE-SOROA	1314N	01159E	337	971.8	1009.0	29.8	0.6	11.6	-1.9	1	8	1	4				
MALI																	
TESSALIT	2012N	00059E	491	956.8	1010.2	31.4	0.7	8.2	-0.9	0	0	-1	0				
KIDAL	1826N	00121E	459	906.6	1011.2	30.6	0.2	6.9	-3.8	0	0	-21	0				
TOMBOUCTOU	1643N	00300W	264	980.4	1009.4	31.4	0.4	13.3	-0.2	1	7	4	5				
GAO	1616N	00003W	260	980.9	1009.3	33.1	1.4	10.6	-2.3	0	0	-6	0				
NIORO DU SAHEL	1514N	00921W	-237	983.2	1009.4	31.0	1.4	19.7	3.0	4	25	1	3				
HOMBORI	1520N	00141W	288	978.6	1010.1	32.9	1.2	11.9	-3.4	1	10	-1	3				
MENAKA	1552N	00213E	278	979.8	1010.4	35.8	4.8	14.1	0.1	1	22	16	5				
KAYES	1426N	01126W	47	1005.9	1011.2	29.5	0.3	26.7	3.4	4	77	31	4				
MOPTI	1431N	00406W	272	979.9	1009.9	31.6	3.1	19.6	-2.2	3	6	-19	2				
KITA	1304N	00928W	334	973.8	1010.9	27.4	0.4	25.6	1.7	7	53	-18	3				
SEGOU	1324N	00609W	289	997.9	1009.7	29.9	2.2	22.9	0.8	1	1	-29	1				
SAN	1320N	00450W	284	978.6	1010.1	30.3	1.7	22.5	-0.9	2	25	-9	3				
BAMAKO/SENOU	1232N	00757W	381	968.4	1010.6	27.6	0.2	25.4	2.3	6	83	19	4				
KOUTIALA	1223N	00528W	367	969.1	1009.6	28.3	0.9	23.5	0.6	3	75	6	4				
BOUGOUNI	1125N	00730W	351	971.5	1010.3	26.5	-0.1	27.0	2.0	9	124	9	4				
SIKASSO	1121N	00541W	375					26.8	-0.4	24.1	-0.8	4	45	-40			

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
AFRICA														
SENEGAL														
SAINTE LOUIS	1603N	01627W	4	1011.2	1011.7	28.6	1.0	29.0	4.6	0	0	-38	1	217
PODOR	1639N	01458W	7	1010.9	1011.7	31.3	1.0	22.5	3.5	3	41	-15	4	212
LINGUERE	1523N	01507W	21	1008.8	1011.1	28.6	-0.8	26.6	4.6	4	58	11	4	255
MATAM	1539N	01315W	17	1008.8	1010.7	30.9	0.8	24.3	3.0	3	18	-7	3	239
DAKAR/YOFF	1444N	01730W	24	1008.6	1011.9	27.5	0.2	29.8	0.6	3	19	-33	3	213
DIOURBEL	1439N	01614W	9	1010.0	1011.0	28.7	0.1	28.6	3.7	6	59	9	4	256
KAOLACK	1408N	01604W	7	1011.7	1012.5	28.8	0.0	30.2	2.3	9	100	38	4	232
TAMBACOUNDA	1346N	01341W	50	1005.5	1011.2	28.0	0.2	28.7	2.4	6	49	-20	3	251
ZIGUINCHOR	1233N	01616W	23	1009.2	1011.9	27.4	0.1	31.3	1.6	12	61	-65	2	248
KOLDA	1253N	01458W	10			27.3	-0.2	29.6	0.6	1	93	-47	3	
UNITED KINGDOM (OCEAN IS.)														
ST. HELENA IS.	1556S	00540W	436	967.3	1018.3	16.7	1.9	15.2		5	13	-27	0	73
FRANCE (OCEAN ISLANDS)														
ILES GLORIEUSES	1135S	04717E	4	1015.0	1015.5	26.5	0.5	25.6	2.4	2	5	-5	4	283
ILE JUAN DE NOVA	1703S	04242E	10	1013.3	1014.5	26.0	-0.5	26.0	-0.4	0	0	-5	3	329
ILE EUROPA	2219S	04020E	13	1015.2	1016.7	23.7	-0.4	20.7	-1.4	1	5	-2	3	291
SERGE-FROLLOW (ILE TROMELIN)	1553S	05431E	13	1013.8	1015.2	25.2	0.7	25.8	1.8	6	36	6	4	278
SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25	1014.8	1017.7	23.0	0.6	21.1	1.9					
MARTIN DE VIVIES(ILE AMST.)	3748S	07732E	29	1017.5	1021.0	13.4	1.3	12.5	0.3	12	58	-25	2	
ALFRED FAURE (ILES CROZET)	4626S	05152E	142	995.4	1012.9	3.9	0.9	6.7	0.3	16	139	-70	2	153
PORT-AUX-FRANCAIS(ILES KER.)	4921S	07015E	30	1000.3	1004.0	3.8	0.6	6.3	-0.2	10	34	-33	1	173
MAURITIUS														
AGALEGA	1026S	05645E	3	1012.7	1013.0	26.8	0.9	26.4	-0.3	8	32	-64	1	
ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1015.2	1015.5	24.7	0.3	24.4	-0.1	8	25	0	3	
RODRIGUES	1941S	06325E	59	1011.7	1018.0	23.3	0.4	20.3	-0.5	8	26	-17	2	267
PLAISANCE (MAURITIUS)	2026S	05740E	57	1011.2	1017.5	23.4	1.2	21.5	0.3	12	51	-9	4	240
LIBYAN ARAB JAMAHIRIYA														
BENJINA	3205N	02016E	132	1003.3	1018.5	23.3	0.9	17.9	1.6	1	6	-14	2	280
SEBHA	2701N	01426E	432	967.6	1016.7	24.8	1.0	12.3	0.6	0	T	-3	3	272
KUFRA	2413N	02318E	435	968.9	1016.0	23.5	-1.0	8.4	0.1	0	0	0	5	327
Egypt														
MERSA MATRUH	3120N	02713E	30	1014.1	1017.5	21.4	-0.4	16.5	-1.3	0	T	-16	1	281
CAIRO	3008N	03124E	74	1006.7	1015.5	22.7	-1.1	22.2	6.6	0	T	-1	5	
HELWAN	2952N	03120E	141	998.7	1015.4	22.2	-1.5	20.8	6.0	0	5	5	6	291
ASSWAN	2358N	03247E	194	988.8	1013.4	26.7	-1.8	0	0	0	T	0	0	321
DAKHLA	2529N	02900E	111	1002.1		24.4	-0.3	11.2	1.2	0	0	-T	0	
SUDAN														
ABU HAMED	1932N	03319E	312	972.7	1007.3	31.2	0.5	11.6	2.1	0	0	0	0	
PORT SUDAN	1935N	03713E	2	1008.9	1009.2	30.3	1.2	31.3	1.5	1	10	-1	4	136
ATBARA	1742N	03350E	345	968.4	1005.7	32.2	0.7	15.7	2.4	0	0	-1	0	400
KHARTOUM	1536N	03233E	380	963.9	1006.6	32.3	0.7	13.3	-0.2	0	T	-5	2	
KASSALA	1528N	03624E	500	952.6	1007.5	29.9	-0.1	19.0	1.3	10	13	6	4	142
WAD MEDANI	1424N	03329E	408	961.9	1006.8	28.3	-0.6	17.2	-1.7	2	2	-14	1	
GEDAREF	1402N	03524E	599	940.8	1006.6	28.5	-0.1	19.3	0.3	5	85	62	6	257
SENNAR	1333N	03337E	418	959.9	1006.8	26.9		18.5		3	24	4	4	80
EL OBEID	1310N	03014E	574	944.9	1008.2	28.0	-0.1	12.2	-1.7	3	58	42	5	288
KOSTI	1310N	03240E	381	965.3	1007.5	29.1	0.0	17.7	-4.6	1	3	-9	2	
ABU NA'AMA	1244N	03408E	445	957.4	1006.5	28.6	1.5	22.5		9	89	67	6	167
DAMAZINE	1147N	03423E	470	954.4	1006.6	29.9	3.1	24.7	1.9	6	43	6	4	60
KADUGLI	1100N	02943E	499	954.1	1008.9	26.9		16.0	0	T	0	0		
JUBA	0452N	03136E	457	957.1	1007.9	27.9	2.0	25.1	0.9	7	67	-44	2	
ETHIOPIA														
ASMARA	1517N	03855E	2325	31	772.9	13.7	-2.4	11.9	0.9	7	40	26	5	
GONDAR	1232N	03726E	1966	31	804.9	18.6	-1.1	15.1	0.5	11	119	66	6	
JIMMA	0740N	03650E	1577	31	831.1	19.6	0.5	16.6	1.2	13	116	19	4	131
ADDIS ABABA	0859N	03848E	2324	31	765.8	17.7	1.7	8.6	-0.8	5	21	-26	3	291
DIRE DAWA	0936N	04152E	1146	31	885.5	26.5	0.6	13.9	0.4	2	12	-15	3	111

AFRICA-ETHIOPIA

AFRICA-SOMALIA

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
AFRICA	0°	0°	3												
SOMALIA															
MOGADISCO	0202N	04521E	9	1011.2	1012.2	27.6	0.6				8	82	47	5	
KENYA															
MOYALE	0332N	03903E	1097	31	789.9	1483 Y	22.9	1.2	18.3	-0.2	3	12	-126	0	
ELDORET	0032N	03517E	2133		995.6	1012.2	29.9	1.0	23.5	1.5	10	39	-27	3	
GARISSA	0028S	03938E	147		839.5	1512 Y	20.9	1.2	13.2		0	0	-40	0	
NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		1010.7	1013.3	26.5		24.2		1	25	-48	3	
MALINDI	0314S	04006E	23										298	105	
UNITED REPUBLIC OF TANZANIA															
MWANZA	0228S	03255E	1140	886.8	1507 Y	23.7		20.5			8	775	682	6	
TABORA AIRPORT	0505S	03250E	1190	886.4	1462 Y	26.1	0.8	15.1	0.9	3	80	58	5		
DODOMA	0610S	03546E	1120	890.0	1528 Y	24.3		17.7			0	0	-21	4	
DAR ES SALAAM AIRPORT	0652S	03912E	55	1008.8	1015.1	25.9	0.7	24.3	1.3	4	41	-16	3		
SONGEA	1041S	03535E	1067	899.1	1553 Y	23.0	0.4	16.0	1.3	2	9	4	4		
MTWARA	1016S	04011E	113	1001.8	1014.6	25.8		24.7			2	8		2	
SEYCHELLES															
SEYCHELLES INT. AIRPORT	0440S	05531E	3	1011.0	1011.4	27.4	0.5	28.6			18	260	84	4	
RWANDA													178	80	
KIGALI	0158S	03007E	1497	850.8	1502 Y	20.6		17.7			14	98			
BURUNDI															
BUJUMBURA	0319S	02919E	783	922.5	1496 Y	24.3		22.3			9	33	1	228	
CONGO															
POINTE-NOIRE	0449S	01154E	17	1012.2	1013.2	25.5	0.4	26.9	0.4	4	10	-71	1	92	
MOUYONDZI	0359S	01355E	512	953.1	1009.4	24.3	0.4	24.2	0.8					93	
BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316	974.6	1009.6	26.4	0.8	24.2	0.2					123	
OUESCO	0137N	01603E	352	972.2	1011.6	24.7	-0.2	26.7	1.0	13	277	36	4	157	
CENTRAL AFRICAN REPUBLIC															
BERBERATI	0415N	01548E	583	945.4	1009.8	23.7	-0.4	25.2	1.2	18	246	-15	3	180	
BOUAR	0558N	01538E	1020	899.7	1510 Y	22.5	-0.1	25.2	4.2	18	246	61	4	218	
BOSSANGOA	0629N	01726E	465	957.9	1008.8	25.8	0.5	26.9	2.1	6	26	-152	0	221	
BANGUI	0424N	01831E	366	969.0	1009.8	25.3	0.1	26.6	1.0					90	
BIRAO	1017N	02247E	464	957.6	1008.4	26.6	0.0	19.9	-3.4	3	10	-27	1	264	
CHAD															
NDJAMENA	1208N	01502E	295	975.7	1008.8	29.6	1.0	15.2	-5.1	1	268	247	6	293	
MOUDOU	0837N	01604E	422	961.9	1008.6	26.6	0.1	24.6	-0.4					101	
REPUBLIC OF CAMEROON															
KOUNDJA	0539N	01045E	1210	880.5	1504 Y	20.8	0.2	20.0			16	202	-50	2	
DOUALA OBS.	0400N	00944E	9	1010.1	1011.1	25.8	-0.1	29.3			21	453	29	4	
BENIN															
KANDI	1108N	00256E	292	977.6	1010.2	27.4	0.2	25.0	-0.6	5	15	-31	2	249	
NATITINGOU	1019N	00123E	461	959.9	1011.1	25.4	-0.2	25.2	0.1	10	117	-16	3	216	
PARAKOU	0921N	00237E	393	31	967.2	1010.8	26.2	0.8	24.3	-1.1	5	117	13	3	230
SAVE	0759N	00226E	200	988.6	1011.0	26.3	0.3	26.5	-0.4	8	122	-11	3	195	
BOHICON	0710N	00204E	167	992.4	1011.2	26.5	0.2	29.2	1.8	9	103	-37	2	229	
COTONOU	0621N	00223E	9	1010.2	1011.2	27.2	0.7	30.5	-1.0	11	272	133	5	207	
TOGO															
DAPAON	1052N	00015E	330	973.0	1010.1	27.4		25.0		4	56			241	
MANGO	1022N	00028E	146	993.7	1010.1	27.6	0.3	28.7	1.5	4	56	-25	2	204	
SOKODE	0859N	00109E	387	967.2	1011.0	25.5	0.0	25.7	0.6	11	174	51	5	220	
ATAKPAME	0735N	00107E	402	966.0	1011.4	25.3	0.3	26.1	1.1	8	86	-54	2	220	
TABLIGBO	0635N	00130E	44	1006.6	1011.7	26.4	0.1	29.2	1.1	9	93	-28	2	220	
LOME	0610N	00115E	25	1008.7	1011.5	26.9	0.8	31.1	2.7	6	116	18	4	208	
LIBERIA															
ROBERTS FIELD	0615N	01021W	18	1010.8	1011.8	26.4	0.8	29.3	0.5	22	253	-153	1	144	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
AFRICA																
FRANCE (COMOROS) DZAOUDZI/PAMANZI (MAYOTTE)	1248S	04517E	7	1013.3	1014.1	26.0	0.4	27.0	0.8	9	193	146.6	259			
MADAGASCAR																
DIEGO-SUAREZ	1221S	04918E	105	1002.4	1014.4	26.8	1.1	24.3	3.3	4	6	-9.2	302	100		
ANTANANARIVO/IVATO	1848S	04729E	1276	876.5	1538	Y	19.2	0.5	16.0	1.1	5	44	-5.3	236	90	
TAMATAVE	1807S	04924E	6	1016.0	1016.7	23.3	0.5	24.6	1.6	15	164	68.5				
TULEAR	2323S	04344E	8	1014.2	1015.1	23.8	-0.2	24.2	2.4	1	10	1.4	330	98		
MOZAMBIQUE																
PEMBA	1258S	04030E	50	1003.7	1014.8	25.8	-0.1	24.0	-2.3	0	0	-12.0	306	103		
LICHINGA	1317S	03515E	1365			20.4	-0.4	14.7	0.9	6	426	409.6				
NAMPULA	1506S	03917E	441	964.9	1015.5	24.5	-0.4	19.2	-1.0	8	91	77.6				
TETE	1611S	03335E	150	997.0	1014.2	28.0	-1.6	18.7	-0.4	2	40	35.6				
QUELIMANE	1753S	03653E	16	31	1014.9	1016.8	24.2	-1.7	21.7	-2.6	1	20	3.4	279	96	
BEIRA	1948S	03454E	16		1015.1	1016.9	24.1	-0.8	20.5	-3.5	5	23	-4.3			
INHAMBARNE	2352S	03523E	15		1017.1	1018.7	22.6	-1.0	19.8	-1.8	2	11	-23.2			
MAPUTO/MAVALANE	2555S	03234E	44		1014.6	1019.8	21.7	-0.8	18.8	-1.8	7	65	3.4		96	
ZAMBIA																
KASAMA	1013S	03108E	1384	861.9	1502	Y	23.0	-0.3	14.4	1.7	2	38	18.5			
MONGU	1515S	02309E	1053	896.5	1518	Y	26.2	0.6	14.1	0.8	3	15	-20.3			
KABWE	1427S	02828E	1207	880.9	1516	Y	23.9	-0.2	10.8	-1.3	1	3	-18.2		95	
LIVINGSTONE	1749S	02549E	986	903.4	1521	Y	26.5	0.0	0.2	-11.3						
MALAWI																
KAMUZU INTL.	1347S	03346E	1229	31	880.9	1531	Y	22.0		14.2	2	90				
ZIMBABWE																
HARARE (KUTSAGA OBSY.)	1755S	03108E	1480	855.6	1533	Y	20.1	-1.1	10.2	-2.1	1	38	1.3	298	106	
BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		869.0	1534	Y	21.5	-0.5	9.9	2	21	-11.3	3	299	112
SOUTH AFRICA																
PIETERSBURG	2352S	02927E	1200	885.3	1547	Y	18.4	-1.2	14.0	0.9	3	34	-3.3	254	94	
PRETORIA	2544S	02811E	1300	874.5	1543	Y	19.7	-0.2	11.7	-0.3	4	33	-38.2	291	102	
JAN SMUTS	2608S	02814E	1700	834.5	1543	Y	16.9	-0.4	10.6	0.1	7	69	1.3	265	94	
ALEXANDER BAY	2834S	01632E	21	1014.4	1017.1		16.6	1.1	13.3	0.2	0	1	-2.3	308	104	
UPINGTON	2824S	02116E	800	924.6	1533	Y	23.6	2.6	8.6	0.5	1	14	5.4	328	99	
KIMBERLEY	2848S	02446E	1200	883.7	1534	Y	20.4	0.6	9.4	0.4	4	21	-9.3	305	99	
BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400	864.0	1540	Y	17.9	0.4	10.2	0.4	4	14	-31.2	303	101	
BETHLEHEM AIRPORT	2815S	02820E	1700	835.1	1550	Y	14.6		10.5		7	33		273	100	
LADYSMITH	2834S	02946E	1100	397.0	1558	Y	17.0		13.6		6	56		228	95	
DURBAN (LOUIS BOTHA)	2958S	03057E	8	1018.3	1019.9	Y	19.8	-0.2	17.6	-0.7	9	80	-11.3	167	100	
BEAUFORT WEST	3221S	02236E	800	926.6	1538	Y	18.9	2.0	9.5		2	8	-8.3	317	105	
CAPE TOWN (D.F. MALAN)	3359S	01836E	42	1016.8	1018.4		16.0	0.6	13.3	0.5	1	13	-23.1	285	101	
GEORGE AIRPORT	3400S	02223E	193	996.4	1020.1		15.5	1.3	14.5		6	16	-61.1	209	95	
PORT ELIZABETH	3359S	02536E	60	1012.4	1019.7		16.8	0.4	15.5	0.9	4	18	-42.0	235	100	
EAST LONDON	3302S	02750E	125	1004.5	1019.5		17.5	0.3	15.1	-0.1	6	25	-71.1	206	98	
GOUGH ISLAND	4021S	00953W	54	1006.7	1013.1		10.8	0.7	10.6	0.4	21	349	62.4	139	100	
MARION ISLAND	4653S	03752E	22	1010.0	1012.7		-5.2	0.9	7.1	0.2	19	166	-12.3	138	101	
N AMERICA																
USA																
BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4	1009.8	1010.4		-5.0	4.9	4.0	1.4	1	5	-9.1			
BARTER ISLAND, AK.	7008N	14338W	15	1008.4	1010.4		-4.9	4.4	4.2	1.5	5	25	4.4			
KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5	1005.1	1005.7		-0.7	4.4	4.9	1.4	4	10	-6.2			
NOME, AK.	6430N	16526W	7	1000.7	1001.6		0.7	2.9	5.4	1.2	10	46	14.4			
BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46	994.8	1000.5		1.3	2.6	6.1	1.7	10	36	3.4			
MCGRATH, AK.	6258N	15537W	103	991.2	1004.3		0.6	4.5	5.2	1.5	9	27	-2.3			
FAIRBANKS/INT., AK.	6449N	14752W	138	989.0	1006.5		0.6	4.5	4.8	1.3	4	10	-9.2			
ANCHORAGE/INT., AK.	6110N	15001W	40	999.5	1004.6		3.8	2.3	6.3	0.7	9	66	24.5			
ST. PAUL, AK.	5709N	17013W	9	998.9	1000.0		3.6	0.5	7.1	0.2	24	158	87.6			
COLD BAY, AK.	5512N	16243W	31	998.5	1002.5		5.0	0.8	7.4	0.2	23	142	29.4			
KING SALMON, AK.	5841N	15639W	15	999.7	1001.6		3.1	2.4	6.5	1.2	13	63	14.4			
YAKUTAT, AK.	5931N	13940W	9	1008.7	1009.9		5.9	1.0	8.6	0.1	28	1240	729.6			

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					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm
N AMERICA													
USA	0°	0°	0	9									
ANNETTE ISLAND, AK.	5502N	13134W	34	1014.2	1018.4	8.5	0.2	9.7	0.6	19	179	-268	0
KEY WEST/INT., FL.	2433N	08145W	6	1014.3	1015.0	25.0	-1.4	24.1	9	213	67	5	234
MIAMI, FL.	2549N	08017W	4	1014.7	1015.1	25.3	-0.2	22.9	-1.7	9	110	-71	2
WEST PALM BEACH/INT., FL.	2641N	08007W	6	1014.9	1015.6	24.4		22.3		8	121		2
ORLANDO/JETPORT/ FL.	2826N	08119W	-32	1013.5	1017.2	22.2		18.6		3	87		
JACKSONVILLE/INT., FL.	3030N	08142W	9	1018.1	1019.1	17.8	-3.4	14.8	-4.4	2	4	-90	0
SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15	1018.5	1020.2	16.4		12.3		2	8	1	278
CHARLESTON/MUN., SC.	3254N	08002W	15	1018.4	1020.3	16.1	-2.7	12.2	-3.7	3	15	-59	1
TAMPA/INT., FL.	2758N	08232W	3	1016.7	1017.1	21.7		17.7		3	37		3
TALLAHASSEE/MUN., FL.	3023N	08422W	21	1017.2	1019.5	16.7		10.9		0	T		2
MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1007.5	1020.5	14.7	-3.8	8.7		1	1	-53	1
AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45	1015.0	1020.4	14.4		9.9		1	5		1
ATLANTA/MUN., GA.	3339N	08425W	315	983.7	1020.8	15.6	-0.9	8.1	-5.0	2	17	-52	1
MOBILE/BATES FIELD, AL.	3041N	08815W	67	1012.7	1020.6	17.2	-3.1	10.4		0	1	-65	0
MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1013.9	1021.3	15.6		9.2		2	11		2
NEW ORLEANS, LA	2959N	09015W	9	1020.0	1021.0	18.2	-3.1	12.9	-5.0	1	18	-47	2
MERIDIAN/KEY, MS.	3220N	08845W	94	1010.2	1021.7	14.4		10.2		0	0		1
JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1009.0	1021.1	15.6		9.8		2	7		314
LAKE CHARLES/MUN., LA.	3007N	09313W	10	1020.0	1021.2	18.9		13.9		2	80		304
GALVESTON, TX.	2918N	09448W	16	1018.5	1020.5	22.2	-0.4	17.7		0	1	-69	1
HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1016.3	1020.1	20.6		15.8		1	4		276
SHREVEPORT/REG., LA.	3228N	09349W	79	1011.7	1021.2	17.8	-1.7	11.9		4	139	108	6
BROWNSVILLE/INT., TX.	2554N	09726W	6	1018.1	1018.6	23.3	-0.7	20.5	-1.3	4	113	23	5
CORPUS CHRISTI/INT., TX.	2746N	09730W	13	1017.5	1019.3	22.8		18.2		3	37		2
SAN ANTONIO/INT., TX.	2932N	09828W	242	991.6	1019.4	21.7	0.5	14.8	-1.8	2	11	-59	1
AUSTIN/ROBERT MUELLER, TX.	3018N	09742W	189	997.8	1019.8	21.1		14.5		2	8		1
VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1016.1	1020.3	21.7		17.3		2	9		
WACO/MADISON-COOPER, TX.	3137N	09713W	155	1001.9	1020.1	20.0		13.4		3	30		2
DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	998.8	1020.0	19.4		12.3		1	3		1
SAN ANGELO/MATHIS, TX.	3122N	10030W	582	952.3	1018.7	19.2		12.7		3	8		2
MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	919.8	1017.6	18.9	0.7	10.9		2	11	-22	2
ABILENE, TX.	3225N	09941W	534	956.4	1018.7	19.4	-0.6	11.6	-0.8	2	5	-54	1
LUBBOCK/LUBBOCK INT., TX.	3339N	10149W	988	907.6	1018.4	17.2		10.8		2	20		269
EL PASO/INT., TX.	3148N	10624W	1194	885.0	1016.0	19.4	-1.6	9.6	-1.5	1	9	-9	2
TUCSON/INT., AZ.	3207N	11056W	779	926.9	1013.5	23.9		9.6		4	8		312
PHOENIX/SKY HARBOR INT., AZ.	3326N	11201W	337	975.1	1013.5	27.2	-4.2	11.8	1.9	4	12	-4	4
SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1014.2	1015.2	20.8	-1.3	18.5	3.4	6	44	36	5
LOS ANGELES/INT. CA.	3356N	11824W	32	1011.5	1015.2	20.6		17.8		3	45		5
CAPE HATTERAS, NC.	3516N	07533W	3	1019.3	1019.6	16.7	-1.7	14.1	-2.8	7	30	-93	0
RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1004.8	1020.9	12.8		9.4		2	43		2
NORFOLK/INT., VA.	3654N	07612W	9	1019.4	1020.4	13.9		11.4		4	47		2
COLUMBIA, SC.	3357N	08107W	69	1012.5	1020.9	13.6	-3.9	10.2		2	25	-47	2
GREENVILLE/GREENVILLE-SP., SC	3454N	08213W	296	986.3	1021.3	12.8		8.4		1	9		304
CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	993.6	1021.3	13.3		8.9		1	21		2
ASHEVILLE/REG., NC	3526N	08233W	661	944.9	1021.8	10.0	-3.4	7.4	-4.7	3	9	-71	1
GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	988.9	1021.0	11.7		8.3		2	18		1
CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	996.5	1021.3	12.8		8.9		3	29		263
KNOXVILLE/MUN., TN.	3549N	08359W	299	985.3	1021.0	11.7		8.1		5	15		1
NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	1000.5	1022.3	12.8	-2.9	8.1	-4.5	4	8	-57	1
N. LITTLE ROCK/MUN. APRT., AR.	3450N	09215W	165	1002.1	1021.7	15.3	-2.0	9.1	-4.1	5	41	-31	2
FORT SMITH/MUN., AR.	3520N	09422W	141	1004.5	1021.4	15.6		10.7		6	54		3
OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	973.8	1020.3	15.6	-1.2	10.5	-1.0	3	46	-23	3
TULSA/INT., OK.	3612N	09554W	206	996.0	1020.4	15.2		10.2		6	32		2
ALBUQUERQUE/INT., NM.	3503N	10637W	1620	841.5	1016.9	16.1	1.8	7.0	0.7	3	11	-11	3
LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	939.7	1015.5	21.7	1.9	7.4	1.3	2	12	6	4
FRESNO/AIR TERM., CA.	3646N	11943W	100	1003.9	1015.6	21.1		13.4		5	21		5
SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1007.6	1016.3	17.8	1.9	14.4	2.4	6	51	40	6
RICHMOND/BYRD, VA.	3730N	07720W	54	1014.0	1020.3	11.6		8.9		3	32		1
WASHINGTON/NAT., VA.	3851N	07702W	20	1018.0	1020.4	12.2	-3.1	9.3	-3.2	3	64	-9	3
BALTIMORE/BALTIMORE-WAS., MD.	3911N	07640W	47	1014.4	1019.8	10.6		9.3		3	57		2
ATLANTIC CITY, NJ.	3927N	07434W	20	1016.7	1019.2	10.6		9.2		4	65		3
PHILADELPHIA/INT., PA.	3953N	07515W	9	1018.5	1019.5	11.7	-2.1	9.3		4	67	0	3
ROANOKE/MUN., VA.	3719N	07958W	358	978.3	1020.8	10.6		7.7		4	28		1
BECKLEY(RALEIGH CTY. M.), VA.	3747N	08107W	766	932.3	1021.9	8.9		6.9		6	33		
CHARLESTON/KANAWHA, WV.	3822N	08136W	299	985.3	1021.0	10.0		8.4		7	28		2

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				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	QUINTILE	% OF AV.
N AMERICA	0°	0°	m	mb	mb	°C	°C	mb	mb	m	m	%
USA												
CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	988.8	1020.8	9.4	-4.5	7.5		5	42	-20
LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	984.6	1020.5	11.1		7.3		6	14	1
LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	1002.6	1020.8	11.1		7.8		3	10	0
HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	990.3	1020.8	10.6		7.9		6	14	
COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	990.1	1020.4	9.4	-3.6	7.4	-2.2	7	39	-8
DAYTON/JAMES M. COX DAY, OH.	3954N	08412W	306	983.6	1020.4	9.2	-3.1	7.0	-2.7	7	32	-20
EVANSVILLE/REG., IN.	3803N	08732W	118	1006.9	1021.1	10.6		7.9		5	33	2
ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	1000.2	1020.7	12.2	-2.2	8.1	-3.5	4	44	-15
INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246	990.9	1020.8	8.9		7.8		4	34	2
SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	998.4	1020.3	10.6		7.4		4	30	2
SPRINGFIELD/MUN., MO.	3714N	09323W	387	975.3	1021.3	11.7		8.7		7	83	3
COLUMBIA/REGIONAL, MO.	3849N	09213W	274	987.9	1020.6	11.1	-3.0	7.9	-2.5	9	44	-38
KANSAS CITY, INT., MO.	3919N	09443W	312	983.7	1021.0	11.1		8.0		6	33	2
WICHITA, KS.	3739N	09726W	408	972.2	1020.4	13.3	-1.7	9.0	-0.2	4	23	-33
DODGE CITY/MUN., KS.	3746N	09958W	790	928.5	1019.8	13.3	-1.2	7.4		1	12	-20
TOPEKA/MUN., KS.	3904N	09537W	270	989.0	1020.9	11.4	-2.9	8.0		4	47	-21
CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	967.1	1020.6	11.7	-2.3	7.2		3	49	-8
GOODLAND/RENNER FIELD, KS.	3922N	10142W	1124	892.5	1020.1	11.3		5.0		0	1	1
DENVER/STAPLETON INT., CO.	3945N	10452W	1625	840.5	1019.2	11.1	-0.6	5.3	0.0	3	31	9
GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	856.0	1018.6	13.9	1.0	5.8	-0.5	5	17	-7
SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8	1014.9	19.8	1.7	14.4	3.4	5	32	10	4
ELY/YELLAND, NV.	3917N	11451W	1909	813.0	1018.9	9.4	1.6	5.1	0.2	5	36	21
RENO/INT., NV.	3930N	11947W	1341	869.2	1018.4	13.3		5.6		4	14	4
SAN FRANCISCO/INT., CA.	3737N	12223W	5	1015.9	1016.5	17.8	1.9	13.7	2.1	3	24	-3
NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1018.1	1019.2	12.5	-1.5	10.4	-0.7	7	102	33
PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1017.1	1019.4	10.6		9.8		6	58	2
HARTFORD/BRADLEY INT., CT	4156N	07241W	55	1012.0	1018.6	9.4		8.5		7	93	4
BOSTON/LOGAN INT., MA.	4222N	07102W	9	1017.2	1018.3	12.2	-0.4	10.5	-0.1	5	70	-15
WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289	984.7	1019.9	8.6		7.8		8	70	214
BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	959.1	1018.6	7.2		7.5		9	68	202
ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117	1005.1	1019.4	9.5		8.1		7	67	3
ALBANY/ALBANY CO., NY.	4245N	07348W	89	1007.8	1018.7	8.1	-2.9	8.2		11	175	102
SYRACUSE/HANCOCK, NY.	4307N	07607W	124	1002.9	1018.0	8.7		8.0		14	80	3
PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373	975.4	1019.9	8.9	-3.9	7.4		8	23	-37
AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	975.2	1020.2	8.2		7.3		11	52	3
YOUNGSTOWN, OH.	4116N	08040W	361	975.9	1020.2	7.8		7.7		13	67	3
BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	992.3	1018.4	8.8	-1.9	8.2	-1.6	11	67	-6
ROCHESTER/ROCHESTER-MON., NY.	4307N	07740W	169	997.5	1018.4	8.4		8.1		10	42	2
CHICAGO/O'HARE, IL.	4159N	08754W	205	995.4	1020.4	8.3		7.0		7	41	3
PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	995.9	1020.5	8.9		6.9		4	19	1
FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252	989.4	1020.1	8.1		7.7		10	46	3
SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236	990.4	1019.1	8.3		7.4		13	82	3
TOLEDO/EXPRESS, OH.	4136N	08348W	211	994.4	1019.7	7.2		7.7		8	56	183
DETROIT/METROPOLITAN, MI.	4214N	08320W	202	994.1	1018.6	8.1	-4.2	7.8		12	51	-5
MOELINE/QUAD CITY, IL.	4127N	09031W	181	998.2	1020.0	8.6		6.9		6	20	2
DES MOINES/MUN., IA.	4132N	09339W	294	985.2	1020.4	8.9	-3.7	6.8	-2.4	6	26	-31
OMAHA, NE.	4122N	09601W	406	972.1	1020.6	9.4	-3.2	6.8		3	42	-13
NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	964.3	1020.9	7.8		5.9		3	27	3
SIOUX CITY/MUN., IA.	4224N	09623W	336	980.1	1020.6	8.3		6.0		6	20	2
NORTH PLATTE/LEE BIRD, NE.	4108N	09041W	849	922.0	1021.1	8.3	-1.8	5.1	-1.7	6	42	19
CHEYENNE, WY.	4109N	10449W	1872	815.6	1019.8	8.3		4.4		3	8	2
CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	841.4	1020.5	8.3		4.2		4	12	2
SALT LAKE CITY/INT., UT.	4047N	11158W	1288	875.7	1019.6	13.6	2.1	6.9	0.1	5	30	1
LANDER/HUNT, WY.	4249N	10844W	1694	833.1	1020.0	9.4		4.2		3	24	3
POCATELLO/NUM., ID.	4255N	11236W	1365	866.8	1020.0	10.2		4.9		2	6	273
WINNEMUCCA/MUN., NV.	4054N	11748W	1322	871.9	1019.0	11.7		4.4	-0.9	1	14	-1
EUREKA, CA.	4048N	12410W	18	1015.3	1017.5	14.4	-1.9	13.2		4	26	-44
MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	969.9	1017.4	16.1	-3.9	7.9	-0.7	0	0	-43
CONCORD/MUN., NH.	4312N	07130W	105	1005.8	1018.4	7.8		8.0		6	105	4
PORTLAND/INT. JET PORT, ME.	4339N	07019W	19	1015.4	1017.9	8.3		9.3		7	65	2
BURLINGTON/INT., VT.	4428N	07309W	104	1005.0	1017.6	7.8	-1.0	7.7	-1.4	8	84	13
GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	988.8	1018.3	7.2		7.5		10	59	140
MUSKEGON/COUNTY, MI.	4310N	08615W	193	994.9	1018.1	7.8		8.0		10	84	4
FLINT/BISHOP, MI.	4258N	08345W	233	990.1	1018.4	7.2		8.0		9	48	3
MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	992.7	1018.5	7.8		7.4		8	28	2
												169
												95

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	
N AMERICA																
USA	0°	0°	0	mb	mb	°C	mb	mb	°C	mb	mm	mm	mm	mm	mm	%
MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	986.6	1018.8	6.4	-3.6	6.8	6.4	-3.6	31	-30	2	166	95	
ROCHESTER/MUN., MN.	4355N	09230W	402	970.6	1018.8	5.6	-6.1	5.1	5.5	-4.1	41	3	134	85		
GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	991.6	1018.0	6.1	-7.0	7.0	7.1	-7.4	45	1	134	85		
SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	967.9	1020.2	6.7	-5.4	5.4	2	8	11	-25	2	268	130	
HURON/HURON REGIONAL, SD.	4423N	09813W	393	972.7	1020.1	6.7	-2.8	5.3	2	11	15	-34	2	165	90	
MINNEAPOLIS/ST.PAUL INT., MN.	4453N	09313W	255	988.0	1019.0	7.2	-2.7	6.0	4	15	34	2	165	90		
RAPID CITY/REG., SD.	4403N	10304W	966	909.0	1021.1	8.4	-1.4	4.5	5	-0.5	14	2	242	105		
SHERIDAN/COUNTY, WY.	4446N	10658W	1209	883.1	1021.0	8.7	0.4	5.0	2	14	15	-15	2	248	120	
BILLINGS/LOGAN INT., MT.	4548N	10832W	1088	895.3	1020.2	9.8	-4.6	4.6	0	0	1	0	0	259	130	
BOISE/MUN., ID.	4334N	11613W	874	919.5	1020.0	12.8	1.8	4.8	-1.2	0	0	-19	0	286	120	
PENDLETON, OR.	4541N	11851W	456	966.5	1020.6	12.2	-5.9	5.9	0	0	0	0	0	0	0	
PORTLAND/INT., OR.	4536N	12236W	12	1018.2	1019.6	14.4	1.1	10.3	0.4	1	7	-78	0	229	150	
CARIBOU/MUN., ME.	4652N	06801W	190	993.8	1017.1	6.6	0.4	7.6	0.0	8	55	-24	2	0	0	
SAULT STE. MARIE, MI.	4628N	08422W	221	989.2	1016.3	5.6	-1.7	6.9	-1.5	14	128	51	5	0	0	
MARQUETTE, MI.	4632N	08733W	434	964.0	1016.8	3.9	-5.2	6.3	14	111	43	5	0	0	0	
DULUTH/INT., MN.	4650N	09211W	432	964.8	1017.4	4.1	-2.7	5.4	-1.5	6	24	-32	2	149	87	
INT. FALLS/FALLS INT., MN.	4834N	09323W	361	973.2	1017.2	3.9	-2.1	5.5	-0.8	5	16	-29	1	0	0	
FARGO/HECTOR FIELD, ND.	4654N	09648W	274	985.6	1019.0	5.9	-5.6	5.6	2	5	1	183	100	0	0	
BISMARCK/MUN., ND.	4646N	10045W	506	959.3	1020.2	5.6	-2.2	5.1	-1.5	1	3	-18	1	198	105	
WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	950.7	1020.4	5.6	-4.6	4.6	1	3	1	0	0	0	0	
GLASGOW/INT., MT.	4813N	10637W	700	937.3	1020.4	7.2	-4.5	0	1	1	1	0	0	0	0	
HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	885.3	1021.9	8.3	1.1	4.8	1	1	-16	1	255	125	0	
MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	909.5	1022.7	7.2	-4.7	4.7	0	1	1	275	145	0	0	
GREAT FALLS/INT., MT.	4729N	11122W	1115	892.1	1020.5	8.6	-0.4	4.3	-1.0	0	1	-20	1	242	120	
YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325	982.2	1021.1	10.0	-6.5	0	1	1	1	0	0	0	0	
SPOKANE/INT., WA.	4738N	11732W	721	936.6	1021.0	9.4	0.8	5.6	-1.3	0	1	-26	1	276	150	
ASTORIA/CLATSOP, OR.	4609N	12353W	7	1018.7	1019.6	12.5	11.0	1	13	1	13	0	0	0	0	
OLYMPIA, WA.	4658N	12254W	61	1020.3	11.3	1.3	9.6	-0.3	1	10	-92	0	0	0	0	
SEATTLE/S-TACOMA, WA.	4727N	12218W	137	1003.4	1019.9	13.3	10.7	1	7	1	7	0	0	207	145	
QUILLAYUTE, WA.	4756N	12433W	62	1012.6	1020.3	11.7	1.6	10.5	0.0	6	35	-230	0	0	0	
BLUE HILL OBSER. WB., MA.	4213N	07107W	195	994.3	1018.3	10.3	-0.9	9.2	-1.0	6	60	-43	1	216	115	
CANADA																
NORMAN WELLS, N.W.T.	6517N	12648W	73	1002.5	1011.9	-0.7	4.0	4.9	1.1	9	47	20	5	57	95	
MOULD BAY A, N.W.T.	7614N	11919W	12	1017.7	1019.3	-16.1	1.5	1.6	0.0	3	8	-1	3	19	175	
HALL BEACH, N.W.T.	6847N	08115W	8	1009.1	1010.2	-10.3	0.2	2.7	-0.3	4	16	-5	2	0	0	
ALERT, N.W.T.	8230N	06220W	63	1005.4	1014.3	-18.1	1.5	1.4	0.2	5	21	8	5	8	90	
CLYDE, N.W.T.	7028N	06837W	25	1007.0	1010.4	-7.6	-0.7	3.0	-0.4	7	21	-13	2	43	90	
SANDSPIT, B.C.	5315N	13149W	6	1017.5	1018.3	9.8	0.9	10.1	0.2	14	100	-96	1	114	125	
PORT HARDY, B.C.	5041N	12722W	22	1018.1	1020.8	9.5	0.8	10.3	0.6	12	123	-122	1	127	130	
SABLE ISLAND, N.S.	4356N	06001W	4	1018.5	1019.0	12.2	0.7	12.2	0.9	14	179	63	5	140	115	
SHEARWATER, N.S.	4438N	06330W	41	1012.1	1018.4	9.6	0.1	10.4	0.6	13	160	39	4	145	90	
TORONTO INT. AIRPORT, ONT.	4341N	07938W	176	996.8	1018.0	7.6	-1.7	7.7	-1.6	8	48	-14	3	0	0	
MONTREAL INT. AIRPORT, QUE.	4528N	07345W	30	1012.9	1017.4	7.6	-1.1	7.8	-0.8	9	57	-19	2	141	105	
SYDNEY, N.S.	4610N	06003W	60	1010.6	1018.2	9.0	0.6	10.2	1.1	15	194	71	5	146	110	
CHATHAM, N.B.	4701N	06527W	34	1012.3	1016.5	7.2	0.1	8.1	0.2	9	92	-4	3	156	110	
MANIWAKI, QUE.	4623N	07558W	170	995.2	1016.2	4.5	-1.8	6.8	-0.9	11	87	14	4	92	75	
BAGOTVILLE, QUE.	4820N	07100W	163	996.6	1016.2	4.8	-0.5	6.8	-0.1	12	89	17	4	92	75	
NORTH BAY, ONT.	4622N	07925W	369	971.6	1016.7	4.1	-2.3	6.8	-0.9	13	100	12	4	102	85	
GANDER INT. AIRPORT, NFLD.	4957N	05434W	147	998.9	1017.4	7.7	1.7	9.0	-1.4	13	80	-25	2	119	105	
SEPT-ILES, QUE.	5013N	06616W	55	1008.3	1015.1	4.2	0.6	6.7	0.6	11	113	16	4	134	105	
STEPHENVILLE, NFLD.	4832N	05833W	26	1013.6	1016.6	9.0	2.0	9.5	1.7	14	183	72	5	82	90	
GOOSE, NFLD.	5319N	06025W	44	1006.5	1012.7	4.1	1.5	6.2	0.6	11	92	15	4	109	115	
KAPUSKASING, ONT.	4925N	08228W	229	987.6	1015.7	2.0	-2.4	5.1	-1.9	12	85	9	4	94	0	
MOOSONEE, ONT.	5116N	08039W	10	1013.1	1014.4	1.9	-2.2	5.7	-1.0	11	51	-23	2	66	75	
BIG TROUT LAKE, ONT.	5350N	08952W	222	988.6	1016.0	0.2	-1.6	5.2	-0.6	11	83	27	5	75	0	
WINNIPEG INT. AIRPORT, MAN.	4955N	09714W	240	987.9	1017.4	3.4	-2.7	5.8	-0.8	7	33	24	152	105		
REGINA, SASK.	5026N	10440W	574	949.3	1019.2	4.3	-0.9	5.0	-0.6	3	11	-8	3	168	105	
THE PAS, MAN.	5358N	10106W	271	983.2	1016.8	2.6	-1.0	5.1	-0.9	10	50	17	5	75	65	
LETHBRIDGE, ALTA.	4938N	11248W	920	910.9	1019.5	8.5	1.0	5.2	-0.5	2	9	-39	2	212	120	
EDMONTON MUNICIPAL, ALTA.	5334N	11331W	676	937.8	1017.9	7.5	1.8	5.5	-0.2	1	5	-12	1	192	120	
VANCOUVER INT. AIRPORT, BC	4911N	12311W	3	1020.3	1020.6	11.0	1.0	11.1	0.7	4	20	-94	0	193	160	
PRINCE GEORGE, B.C.	5353N	12241W	691	937.6	1020.6	5.2	0.4	6.0	-0.5	8	40	-19	1	157	145	
KUUJJUAQ, QUE.	5806N	06825W	37	1005.0	1009.7	-0.9	-0.1	4.9	-0.2	15	52	3	4	39	80	
INUKJUAK, QUE.	5827N	07807W	8	1009.1	1009.5	-1.2	-0.8	4.9	-0.6	17	57	11	4	46	90	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE	
N AMERICA															
CANADA	0°	0°	#	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
FROBISHER BAY, N.W.T.	6345N	06833W	34	1003.5	1007.8	-1.3	3.7	3.8	0.0	7	18	-26	1	58	100
CHURCHILL, MAN.	5845N	09404W	29	1011.6	1015.3	-2.1	-0.6	4.5	-0.1	11	28	-15	2	40	65
CORAL HARBOUR, N.W.T.	6412N	08322W	64	1002.4	1010.7	-8.9	-1.1	2.9	-0.6	5	19	-14	2	92	105
EUREKA, N.W.T.	8000N	08556W	10	1016.4	1017.9	-23.7	-1.6	0.8	-0.4	0	3	-4	1	14	155
RESOLUTE, N.W.T.	7443N	09459W	67	1007.7	1016.8	-15.1	0.0	1.7	-0.2	1	4	-10	1		
CAMBRIDGE BAY, N.W.T.	6906N	10507W	27	1014.9	1018.5	-11.7	-0.1	2.5	0.0	1	8	-7	2	74	130
BAKER LAKE, N.W.T.	6418N	09600W	18	1014.7	1017.2	-8.2	-0.6	3.1	-0.2	8	16	-15	2		
FORT SMITH, N.W.T.	6001N	11158W	203	988.9	1014.3	1.0	0.7	5.5	0.3	7	28	-2	4	68	80
COPPERMINE, N.W.T.	6749N	11508W	22	1014.2	1017.2	-4.6	2.0	4.0	0.3	5	10	-14	1	67	145
FORT NELSON, B.C.	5850N	12236W	382	967.3	1014.3	3.9	2.8	5.6	0.6	6	20	-4	3	121	
INUVIK, N.W.T.	6818N	13329W	68	1003.1	1011.9	-3.2	4.9	4.1	1.0	3	9	-24	0	45	90
WHITEHORSE, Y.T.	6043N	13504W	703	926.5	1010.9	2.8	2.2	5.2	0.4	2	7	-15	1	98	105
ST. PIERRE AND MIGUELON															
SAINT-PIERRE	4646N	05610W	5 31	1018.7	1019.3	10.3	1.7	11.3	2.2	14	243	101	5		93
MEXICO															
UNIV. DE CHIHUAHUA, CHIH.	2838N	10605W	1435		1016.1	18.7	-0.1				2	-16	2		
TORREON, COAH.	2532N	10327W	1124	892.2	1014.0	21.7	-0.5	13.6	-1.7	0	0	-18	0	252	
MONTERREY, N.L.	2552N	10012W	512	960.3	1018.0	22.3	0.1	18.0		3	43	-35	2	209	165
LA PAZ, B.C.S.	2410N	11025W	27	1009.8	1012.8	28.6	2.3	23.9	4.7	3	4	-13	2	266	
COLONIA JUAN CARRASCO MAZ.	2312N	10625W	4	1011.3	1011.3	28.5	-1.4	28.9	1.4	1	2	-75	2	262	180
ZACATECAS, ZAC. (LA BUFA, ZAC)	2247N	10234W	2612	749.5	1013.3	13.2	-0.1	8.4	-2.2	0	0	-25	0	313	
TAMPICO; TAMPS	2213N	09751W	9	1015.8	1018.8	26.5	1.0	24.2	-0.5	2	21	-101	1	241	55
GUANAJUATO, GTO.	2101N	10115W	1999	806.4	1013.8	17.2	-0.2	11.7	-1.4	0	0	-47	0	297	120
GUADALAJARA, JAL.	2040N	10323W	1551	847.6	1012.9	18.4	-0.6	13.4	-3.3	1	18	-52	1	278	130
AEROP. INT. MERIDA, YUC.	2059N	08939W	9	1014.3	1015.3	25.1	-0.8	24.4		2	4	-110	0		
MANZANILLO, COL.	1903N	10420W	3	1011.8	1012.2	27.8	0.0	30.6	1.5	4	43	-96	2	279	
MORELIA, MICH.	1942N	10111W	1913	813.4	1012.9	16.6	-1.5	10.3	-2.5	1	2	-57	1	284	150
COATZACOALCOS, VER.	1809N	09425W	23	1014.0	1018.0	25.5	-0.7	25.1	-4.2	15	168	-324	0	209	
CHETUMAL, Q.ROO	1830N	08818W	3	1008.8	1009.8	26.8	0.0	24.1		4	31	-73	0	267	
OAXACA, OAX.	1704N	09643W	1550	847.3	1011.6	20.8	1.2	12.3		0	0	-52	0	286	175
ACAPULCO, GRO.	1650N	09956W	28	1012.3	1012.3	29.8	1.6	30.6		0	0	-160	0	244	115
SALINA CRUZ, OAX.	1610N	09512W	6	1012.1	1021.8	29.1	1.4	18.6	-5.0	0	0	-66	0	326	
SN. CRISTOBAL-LAS CASAS, CHIS	1644N	09238W	2276	792.3	1011.3	14.0	-0.8	13.4		2	30	-90	1	178	110
BAHAMAS															
NASSAU AIRPORT	2503N	07728W	7	1005.3	1013.3	26.4	0.7	27.5	0.8	16	369	162	5	6	95
JAMAICA															
KINGSTON/NORMAN MANLEY	1756N	07647W	14	1009.6	1011.2	27.9	0.4	29.3	1.5	17	359	181	5	199	85
DOMINICAN REPUBLIC															
SANTO DOMINGO	1826N	06953W	14	1010.5	1012.1	27.2	0.8	29.4	0.1	13	158	-4	3	244	122
BELIZE															
BELIZE/INT. AIRPORT	1732N	08818W	5	1013.7	1014.2	26.1	-0.5	27.2	-1.8	9	75	-183	1		56
COSTA RICA															
PUNTARENAS	0958N	08450W	3	1011.5	1011.5	28.0	1.2	0.0		0	0	-270	0		
JIUAN SANTAMARIA	1000N	08413W	939	909.6	1010.4	22.8	1.7	21.9		17	288	-54	2	161	100
PUERTO LIMON	1000N	08303W	3	1009.9	1009.9	25.3	-0.9	0.0		0	0	-152	0		
ST. MAARTEN, ST. EUST., SABA															
JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	1013.0	1013.5	29.7	1.4	30.0		17	94	-7	3	243	105
ST. MARTIN, ST. BARTH., GUAD.															
LE RAIZET, GUADELOUPE	1616N	06131W	8 31	1011.6	1012.8	27.6	1.4	29.3	-0.8	27	269	101	4	215	98
MARTINIQUE															
LE LAMENTIN	1436N	06100W	4 31	1010.8	1011.6	27.2	1.5	30.9	3.0	24	203	-28	3	236	104
BARBADOS															
GRANTLEY ADAMS	1304N	05929W	56 31	1005.2	1011.7	27.5	0.3	30.7	1.6	20	100	-68	2	230	98

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE
N AMERICA	0°	0°	#											
TRINIDAD AND TOBAGO														
PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1008.6	1011.1	27.3	1.2	29.7	1.0	13	172	7	4 239 115
CURACAO AND BONAIRE														
HATO AIRPORT, CURACAO	1212N	06858W	67		1009.0	1009.9	28.8	0.5	31.5	1.6	6	48	-24	3 257 99
COLOMBIA														
SAN ANDRES (ISLA)	1235N	08143W	6		1010.0	1010.1	27.7	0.1	30.8	0.0	18	337	75	4 175
PROVIDENCIA (ISLA)	1322N	08121W	6 31				27.5		30.3		18	450		
S AMERICA														
COLOMBIA														
SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1007.8	1008.3	28.4		29.6		5	38		198
CARTAGENA/CRESPO	1027N	07531W	12		1009.2	1009.4	27.8		31.1		18	413		147
BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30		1007.5	1009.1	27.0	-0.3	31.0	1.0	15	363	213	6 137
APARTADO	0748N	07642W	30				27.7		30.4		20	467		178
BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				26.7	-0.4	29.8	1.6	20	390	0	3 140
BUCARAMANGA/PALONEGRO	0706N	07312W	1189				20.6		23.5		15	169		145
CUCUTA/CAMILO DAZA	0756N	07231W	317				27.2	0.1	29.1	3.9	12	202	46	4 168
ARAUCA/SANTIAGO PEREZ	0704N	07044W	128				26.0		29.7		17	205		168
RIONEGRO/J.M. CORDOVA	0611N	07526W	2142		790.3		16.5		15.5		25	381		
PUERTO CARRENO	0610N	06730W	55				28.0		29.9		12	142		205
PEREIRA/MATECANA	0449N	07548W	1342		865.7		20.7		19.6		24	430		126
IBAGUE/PERALES	0426N	07509W	928				23.4		23.1		26	235		106
BOGOTA/ELDORADO	0442N	07408W	2548		753.1		13.9	0.8	13.3	1.0	15	149	-39	5 106
VILLAVICENCIO/VANGUARDIA	0410N	07337W	431				25.9		25.9		20	566		158
GAVIOTAS	0433N	07055W	167		987.6	1006.2	26.4	0.8	28.6	0.9	19	326	-17	3 157
BUENAVENTURA/COLPUERTOS	0355N	07705W	10				26.0		29.8		27	848		125
CALI/PALMASECA	0333N	07623W	969		905.2		25.0	1.8	21.8	1.0	12	129	5	4 140
NEIVA/LA MANGUITA	0258N	07518W	443				27.7	0.1	25.3	0.9	14	220	8	3 166
PASTO/ANTONIO NARINO	0125N	07716W	1826				11.3	0.2	11.0	0.2	14	120	29	4 108
IPIALES/SAN LUIS	0049N	07738W	2961				27.0	0.7	30.2	1.2	12	456	165	6 184
LETICIA/VASQUEZ COBO	0410S	06957W	84		999.6	1009.0								
VENEZUELA														
MARACAY - B.A. SUCRE	1015N	06739W	437		964.7	1012.9	26.2	1.7	29.6	5.9	9	118	28	4 228 100
CARACAS/LA CARLOTA	1030N	06653W	835		916.8		23.5	1.1	25.4	4.4	15	204	90	6 212 99
BARCELONA	1007N	06441W	7		1008.4	1009.2	28.1	1.3	28.5	1.0	3	34	-25	2 238 93
MERIDA	0836N	07111W	1498		852.1	1518	19.5	0.5	18.8	0.7	23	437	181	6 136 72
CIUDAD BOLIVAR	0809N	06333W	48		1002.1	1007.3	27.5	-0.6	23.2	-5.1	9	172	71	5 255 97
SAN ANTONIO DEL TACHIRA	0751N	07227W	378		938.1	1010.1	25.6	-0.8	25.9	1.9	11	154	58	5 148 76
SAN FERNANDO DE APURE	0754N	06725W	48		1005.3	1010.8	26.4	-0.7	32.5	3.6	10	149	40	4 248 105
PUERTO AYACUCHO	0536N	06730W	74		1001.8	1010.2	27.3	0.8	27.5	0.2	12	400	205	6 209 100
SANTA ELENA DE UAIREN	0436N	06107W	907		1004.1	1504	21.7	0.1	20.7	0.6	11	148	40	5 204 89
GUYANA														
GEORGETOWN	0648N	05809W	2		1010.0	1010.4	28.5	0.5	29.9	0.4	7	77	-36	2 226 100
TIMEHRI	0630N	05815W	30		1007.2	1010.7	26.9	0.6	28.7	0.2	10	139	-22	2
FRENCH GUIANA														
CAYENNE/ROCHAMBEAU	0450N	05222W	9 31		1010.2	1011.3	22.5	-3.9	28.7	0.6	6	40	-29	3 271 102
BRAZIL														
BOA VISTA	0249N	06039W	90				29.2	1.2	30.7	1.9	3	19	-66	1
S. GABRIEL DO CACHOEIRAIUAU	0008S	06705W	90		998.8	1008.6	27.0	1.2	31.4	4.2	12	227	45	4
BELEM	0127S	04828W	24		1010.1	1010.4	27.1	0.7	31.7	3.5	8	83	-33	2
SAO LUIZ	0232S	04417W	51		1004.6	1010.5	26.9	0.5	30.2	3.0	10	280	270	6
MANAUS	0308S	06001W	72		1001.8	1009.6	28.5	0.9	29.7	1.2	8	46	-70	1
FORTALEZA	0344S	03833W	19		1008.4	1011.5	25.9	-1.0	25.4	-0.4	4	16	-3	4
BENJAMIN CONSTANT	0423S	07002W	65 31		1004.9	1012.3	26.9	1.3	29.9	2.4				
COARI	0405S	06305W	46		1004.7	1007.0	29.3	2.6	31.3	0.4	11	125	-48	3
BARRA DO CORDA	0530S	04516W	153 31		991.4	1010.9	28.3	1.1	26.7	0.9	1	13	-39	0
QUIXERAMOBIM	0512S	03918W	211 31		986.3	1009.8	28.1	-0.2	20.5	0.4	0	T	-2	3
SAO FELIX DO XINGU	0638S	05158W	150 31		989.3	1010.7	26.0	2.8	28.4	12	269			
FLORIANO	0646S	04301W	123		994.7	1010.3	29.5	1.0	25.3	2.3	2	32	-95	2

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
S AMERICA														
BRAZIL														
CRUZEIRO DO SUL	0738S	07240W	170		986.4	1006.0	25.2	0.0	28.4	0.7	16	267	87	4
CAROLINA	0720S	04728W	192		988.1	1011.9	27.8	1.1	26.5	0.7	8	213	111	6
CONCEICAO DO ARAGUAIA	0815S	04912W	160				27.4	0.7			11	105	-50	2
RECIFE (CURADO)	0803S	03455W	17		1012.8	1013.7	25.2	-0.3	26.7	2.2	15	105	56	5
RIO BRANCO	0956S	06748W	136				26.9	1.8	28.6	1.2	11	154	-38	2
PETROLINA	0923S	04029W	370		968.6	1009.4	29.7	2.9	17.8	-1.3	1	29	0	4
PORTO NACIONAL	1031S	04843W	250		982.8		27.8	1.1	27.1	1.1	10	148	-17	3
ARACAJU	1055S	03703W	6		1011.5	1012.2	27.0	1.2	26.6	0.1	0	0	-57	0
VILHENA	1244S	06008W	652		941.8	1009.3	25.6		26.3		13	173		
SALVADOR	1301S	03831W	51	31	1005.5	1011.5	26.2	1.4	27.0	2.9	8	15	-93	1
BOM JESUS DA LAPA	1316S	04325W	440		962.2	1010.3	22.0	-4.6	22.6	3.2	1	6	-69	0
CUIABA	1533S	05607W	179		991.9	1008.9	28.7	1.2	26.0	2.2	8	88	-47	2
BRASILIA	1547S	04756W	1158		885.9	1010.4	23.0	1.4	17.5	-0.1	13	81	-85	1
MONTES CLAROS	1643S	04352W	646		939.1	1009.5	26.6	2.9	16.8	-1.0	3	25	-84	0
CARAVELAS	1744S	03915W	3		1013.2	1013.7	26.9	2.8	21.9	-2.6	3	43	-125	2
CORUMBA	1900S	05739W	130		992.7	1010.1	26.9	0.5	25.0	-1.5	6	103	15	4
BELO HORIZONTE	1950S	04356W	850	31	911.8	1011.7	24.4	2.3	16.5	-2.4	9	51	-88	2
CAMPO GRANDE	2028S	05440W	560		951.8	1010.5	24.0	-0.6	21.8	0.9	11	242	111	6
TRES LAGOAS	2047S	05138W	313		974.8	1012.2	25.3	0.4	23.0	1.8	9	146	13	4
JUIZ DE FORA	2146S	04321W	939	31	910.8	1014.4	19.7	-0.5	18.5	1.1	10	138	20	4
PONTA PORA	2232S	05544W	650		936.0	1011.6	21.2	-0.3	20.5	2.1	15	240	55	4
RIO DE JANEIRO	2255S	04310W	5		1014.5	1014.8	22.8	-0.1	23.6	2.7	12	100	15	4
LONDRINA	2323S	05111W	566		947.0	1011.1	21.9	0.3	18.9	0.9	3	14	-161	0
SAO PAULO	2330S	04637W	792		924.1	1012.6	20.0	1.2	17.4	0.0	6	90	-44	2
IGUAPE	2443S	04733W	3		1014.3	1014.8	19.8	-0.8	21.3	0.1	16	160	23	4
CURITIBA	2526S	04916W	923		911.8	1014.5	16.7	0.3	15.8	0.1	12	112	-30	2
FLORIANOPOLIS	2735S	04834W	2	31	1014.9	1015.1	19.0	-0.6	18.5		19	118	4	3
ALEGRETE	2941S	05531W	121	31	997.8	1012.9			17.3	0.4	7	73	-102	1
PORTO ALEGRE	3001S	05113W	47	31	1009.3	1015.5	18.4	-0.6	16.6	-0.3	7	103	-7	3
ST. VITORIA DO PALMAR	3331S	05321W	24	31	1012.2	1016.7	15.6	-0.1	14.9	0.1	7	149	63	5
ECUADOR														
SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6		1011.2		23.7	1.7	22.8	2.9		3	-3	1
IZOBAMBA-SANTA CATALINA	0022S	07833W	3058		707.0		12.2		11.9		21	116	2	141
NUEVO ROCAFUERTE	0055S	07524W	215				26.1		29.7		16	319		154
PORTO VIEJO-GRANJA	0102S	08026W	44		1006.0		25.0	0.7	25.0	0	0	-1	4	115
PICHILINGUE	0106S	07928W	73		1002.8		24.1		25.4	3	10	2	54	95
EL PUYO	0130S	07757W	950		892.2		22.1		23.4	26	538	5	119	110
MILAGRO	0207S	07936W	13		1013.0		25.2		24.7	0	2	3	59	95
GUAYAQUIL/SIMON BOLIVAR	0209S	07953W	9	31	1011.3		25.0	-0.6	22.8	2.2	0	1	-1	4
CANAR	0233S	07856W	3120				10.8	-0.3	11.2		11	53	8	4
LOJA/LA ARGELIA	0402S	07912W	2040				16.9		13.5	9	85	4	184	125
BOLIVIA														
COBIJA	1105S	06852W	252	30		1010.8	28.8	2.6			9	74	-60	2
RIBERALTA	1101S	06607W	135	29		1010.8	29.9	2.2			7	32	-102	1
SAN JOAQUIN	1304S	06440W	140	29			30.1	2.3			4	42	-64	2
MAGDALENA	1320S	06409W	141	29		1007.3	29.2	1.0			8	66	-55	1
RURRENABAQUE	1429S	06729W	202	30		1006.4	29.2	1.9			10	87	-36	2
TRINIDAD	1451S	06457W	157	30		1008.1	29.0	1.3			10	133	5	3
CONCEPCION	1615S	06206W	497	30		1012.2	27.3	0.7			12	319	242	6
LA PAZ/ALTO	1631S	06811W	4071	30	628.1		10.5	0.6			14	83	46	5
SAN IGNACIO DE VELASCO	1622S	06057W	413	30		1010.0	28.3	1.8			8	211	128	6
COCHABAMBA	1727S	06606W	2548	29	748.7		21.7	1.2			8	18	1	4
ORURO	1803S	06704W	3702	30	652.0		12.5	-0.3			8	50	35	6
SANTA CRUZ	1748S	06310W	414	30		1008.2	27.1	1.0			10	146	48	5
ROBORE	1819S	05945W	265	30		1009.7	28.7	0.6			8	297	228	6
SUCRE	1901S	06516W	2903	30	720.0		16.8	-0.3			9	95	43	5
PUERTO SUAREZ	1900S	05744W	135	30		1006.5	28.9	0.6			9	95	15	4
CAMIRI	2003S	06334W	810	30		1015.0	26.7	1.2			2	27	-11	3
YACUIBA	2201S	06342W	643	30		1005.0	26.1	1.0			1	7	-50	1
CHILE														
ARICA	1821S	07020W	55		1008.9	1016.4	18.1	0.8	15.6	1.1	0	0	0	5
ANTOFAGASTA	2326S	07027W	140		1001.4	1015.1	16.0	0.8	13.8	0.5	0	0	0	5

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
S AMERICA	0°	0°	0	5	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
CHILE															
ISLA DE PASCUA	2710S	10926W	69	5	1015.2	1020.9	18.7	-0.6	16.8	-0.3	8	26	-41	0	196
LA SERENA	2955S	07112W	146	5	999.0	1016.0	13.9	-1.3	13.2	-1.1	0	1	-2	4	277
ISLA ROBINSON CRUSOE	3337S	07850W	30	5	1015.7	1019.3	14.1	-0.8	11.7	0.0	11	77	27	5	128
VALDIVIA	3938S	07305W	19	5	1014.0	1016.3	11.4	-0.8	11.3	-1.1	13	161	-46	4	164
PUERTO MONTT	4126S	07306W	90	5	1006.2	1016.5	10.6	-1.3	10.6	0.8	14	126	1	3	139
PUNTA ARENAS	5300S	07051W	44	5	998.7	1003.1	16.8	-0.4	6.4	-0.4	7	27	6	4	214
PARAGUAY															
MARISCAL ESTIGARRIBIA	2201S	06036W	181	31	992.7	1013.1	24.8	-2.2	16.7	0.6	5	96	41	5	
PUERTO CASADO	2217S	05752W	87	31	1000.6	1010.3	24.4	-1.4	21.6	0.7	8	142	14	4	
CONCEPCION	2325S	05718W	74	31	1001.4	1011.1	23.6	-1.7	20.8	0.6	7	98	-31	3	77
ASUNCION/AEROPUERTO	2516S	05738W	101	31	1002.1	1012.8	22.6	-1.4	18.5	-0.1	9	134	-7	3	81
VILLARRICA	2545S	05626W	161	31	994.7	1013.4	21.4	-1.0	18.8	0.5	7	126	-58	2	
PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	31	990.2	1011.5	21.7	-0.5	19.4	0.8	8	266	53	4	
PILAR	2651S	05819W	56	31	1007.8	1014.3	21.8	-0.7	18.1	0.0	6	81	-73	1	
SAN JUAN BAUTISTA MISIONES	2640S	05709W	126	31	1000.3	1015.0	21.5	-0.8	17.9	0.2	9	170	-3	4	
ENCARNACION	2719S	05550W	91	31	1004.5	1013.8	20.5	-1.0	17.3	-0.7	8	138	-60	2	
URUGUAY															
SALTO	3123S	05757W	34	5	1010.0	1014.0	19.3	-1.8	14.9	4.3	4	38	-91	1	
MELO	3222S	05411W	100	5	1002.6	1014.6	17.1	0.1	14.3	6	71	39	2		
PASO DE LOS TOROS	3248S	05631W	75	5	1005.5	1014.5	17.4	0.0	13.8	7	75	-54	2		
MERCEDES	3315S	05804W	22	31	1012.6	1014.7	18.7	-1.8	14.5	-0.4	7	75	-17	3	
TREINTA Y TRES	3313S	05423W	46	5	1009.7	1015.3	16.7	-0.5	13.8	6	102	-30	3		
COLONIA	3427S	05750W	23	5	1012.3	1015.1	16.5	-0.4	13.5	9	112	3	4		
ROCHA	3429S	05418W	18	5	1013.2	1015.4	14.6	-0.3	13.0	4	101	-11	4		
EL PRADO	3451S	05612W	16	5	1013.3	1015.7	15.7	-0.2	13.0	3.2	6	73	-29	2	
ARGENTINA															
LA QUIACA OBSERVATORIO	2206S	06536W	3459	5	972.2	3114.2	10.7	-0.1	6.3	-0.5	2	22	8	4	
ORAN AERO	2309S	06419W	357	5	968.4	1008.5	24.7	0.1	16.3	3	12	1	166	100	
JUJUY AERO	2423S	06505W	904	5	877.0	1489.1	19.7	-0.3	10.9	-2.6	0	11	-45	1	
SALTA AERO	2451S	06529W	1221	31	877.0	1489.1	19.7	-1.3	10.9	-1.3	0	1	-26	1	
RIVADAVIA	2410S	06254W	205	31	985.3	1008.4	25.8	1.0	17.2	4.5	2	49	10	4	
LAS LOMITAS	2442S	06035W	130	5	996.0	1010.9	23.5	-0.5	15.5	-1.4	7	53	-12	3	244
IGUAZU AERO	2544S	05428W	270	5	981.6	1012.5	21.9	0.1	19.6	7	207	3	131	90	
TUCUMAN AERO	2651S	06506W	450	5	959.9	1007.9	23.4	0.3	13.3	2	16	4	262	100	
SANTIAGO DEL ESTERO AERO	2746S	06418W	199	5	986.1	1008.7	25.3	3.3	14.4	-0.2	2	26	-6	4	216
PRES. ROCHE SAENZ PENA AERO	2649S	06027W	92	5	1001.2	1011.9	23.2	0.6	16.8	-0.2	5	89	12	4	256
RESISTENCIA AERO	2727S	05903W	52	5	1005.9	1011.9	20.9	-0.2	16.8	-0.6	4	56	-81	1	178
FORMOSA AERO	2612S	05814W	60	5	1006.5	1013.5	22.7	0.6	18.2	-0.8	6	73	-76	1	197
CORRIENTES AERO	2727S	05846W	62	5	1004.8	1012.0	21.2	-0.1	16.9	-0.8	8	70	-76	2	241
POSADAS AERO	2722S	05558W	125	5	996.9	1012.3	21.7	0.6	18.8	1.7	7	151	-48	2	165
LA RIOJA AERO	2923S	06649W	429	31	959.9	1007.9	23.4	1.4	13.3	0.6	1	16	-1	4	259
CATAMARCA AERO	2836S	06546W	454	5	956.4	1006.9	25.0	2.3	12.7	0.3	2	5	-19	2	215
CERES	2953S	06157W	88	5	1002.4	1012.7	20.3	0.7	14.7	-1.3	4	51	-26	3	259
RECONQUISTA AERO	2911S	05940W	53	5	1006.8	1012.9	20.9	1.1	16.5	-1.2	1	13	-122	0	254
PASO DE LOS LIBRES AERO	2941S	05709W	70	5	1005.2	1013.3	19.7	0.2	16.2	-0.4	3	24	-131	0	201
JACHAL	3015S	06845W	1165	5	882.5	1485.1	18.6	0.6	9.8	0.4	1	1	-3	2	224
SAN JUAN AERO	3134S	06825W	598	5	943.1	1009.6	20.2	-1.4	9.8	1.3	2	8	1	4	270
CHAMICAL AERO	3022S	06617W	461	5	958.8	1010.4	23.0	0.1	11.2	2	14	3	150	70	
CHEPES	3120S	06636W	658	5	936.8	1009.6	22.5	2.8	12.2	-0.7	1	23	-12	4	
VILLA DOLORES AERO	3157S	06508W	569	5	946.8	1012.3	15.2	1.1	14.4	0.0	2	17	2	290	110
CORDOBA AERO	3119S	06413W	474	5	958.4	1014.3	19.2	1.4	12.4	0.0	2	64	-6	3	205
PILAR OBSERVATORIO	3140S	06353W	338	5	974.9	1013.9	18.8	1.5	12.5	0.4	5	64	-8	3	241
PARANA AERO	3147S	06029W	78	5	1005.3	1014.4	18.1	0.5	14.2	-0.1	7	88	-17	3	242
CONCORDIA AERO	3118S	05801W	38	5	1010.1	1014.7	19.1	0.5	15.2	0.3	14	46	-87	2	220
MENDOZA AERO	3250S	06847W	704	5	932.8	1011.3	19.3	1.8	9.5	0.1	2	9	-11	3	250
SAN LUIS AERO	3316S	06621W	713	5	931.2	1010.9	19.4	1.6	10.6	0.7	5	22	-22	2	273
VILLA REYNOLDS AERO	3344S	06523W	486	5	957.4	1013.2	16.9	-0.4	12.8	-1.7	10	91	-35	5	221
RIO CUARTO AERO	3307S	06414W	421	5	964.5	1012.9	17.6	1.2	12.3	1.0	5	85	-7	3	162
MARCOS JUAREZ AERO	3242S	06209W	114	5	1001.2	1014.7	17.5	1.6	16.2	0.8	8	98	3	208	
ROSARIO AERO	3255S	06047W	25	5	1007.7	1010.6	17.6	0.7	14.8	1.0	11	98	0	3	233
GUALEGUAYCHU AERO	3300S	05837W	21	5	1011.4	1014.4	17.6	0.5	14.9	0.9	10	101	-1	3	183
MALARGUE AERO	3530S	06935W	1425	5	857.0	1493.1	13.9	7.1			3	22	3	159	

S AMER-ARGENTINA

S AMER-ARGENTINA

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE TOTAL hr	% OF AV.
S AMERICA														
ARGENTINA														
SAN RAFAEL AERO	3435S	06824W	748	928.1	1012.2	17.2	1.5	10.3	2.1	5	26	0.4	172	65
GENERAL PICO AERO	3542S	06345W	145	998.0	1015.2	16.3	13.4			10	98			95
LABOULEAYE	3408S	06322W	137	998.4	1014.6	17.0	0.6	13.2	1.0	9	96	17.4	223	92
PEHUAJO AERO	3552S	06154W	86	1004.8	1015.0	15.8	1.0	15.0	2.5	11	97	4.3		80
JUNIN AERO	3433S	06057W	81	1004.9	1014.5	16.0	-0.5	13.0	0.1	9	71	-33.3	207	95
EZEIZA AERO	3449S	05832W	20	1012.6	1014.9	16.0	0.3	13.5	0.5	10	125	31.4	139	80
AEROPARQUE	3434S	05825W	6	1014.4	1015.0	17.2		14.1		10	117		4.1	85
BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1012.5	1015.4	17.3	0.4	13.9	0.4	8	130	24.4	192	82
PUNTA INDIO B.A.	3522S	05717W	22	1012.2	1014.8	14.3	-1.5	14.6	-0.1	10	168	90.6	195	90
GENERAL ACHA	3722S	06435W	219	988.4	1014.1	16.8	1.8	13.9		6	24	-26.2	239	
SANTA ROSA AERO	3634S	06416W	191	992.2	1014.8	15.7	0.4	12.0	0.4	7	42	-32.3	220	88
AZUL AERO	3645S	05950W	132	999.8	1015.4	14.2	0.8	13.1	1.2	13	78	-1.3	196	80
TANDIL AERO	3714S	05915W	175	994.6	1015.6	13.5		11.2		9	97		4.2	206
PIGUE AERO	3736S	06223W	304	979.3	1015.2	13.6				10	54		3.1	194
TRES ARROYOS	3820S	06015W	115	1002.2	1016.0	13.4	0.0	11.4	0.6	9	47	-25.2	214	80
MAR DEL PLATA AERO	3756S	05735W	21			11.2	-1.7	11.7	-0.5	10	108	29.5	133	70
NEUQUEN AERO	3857S	06808W	271	982.5	1014.4	15.8	0.8	7.9	0.6	4	22	-4.4	223	85
RIO COLORADO	3901S	06405W	79	1005.7	1015.0	17.3		11.0		4	29		2.2	228
BAHIA BLANCA AERO	3844S	06210W	83	1005.6	1015.4	14.7	0.4	10.6	-0.4	7	45	-15.3	166	85
CATEDRAL 2000	4115S	07137W	1955	801.2	1477	-0.6		5.4		11	62			198
BARILOCHE AERO	4109S	07110W	840	918.4	1470	9.9	2.5	7.3	0.2	6	47	13.4	225	91
MAQUINCHAO	4115S	06844W	888			10.0	0.4	5.4	-0.2	4	11	-3.3		
SAN ANTONIO OESTE AERO	4044S	06457W	7	1012.2	1013.0	15.4	0.1			1	8	-14.2	199	76
VIEDMA AERO	4051S	06301W	7	1012.5	1013.3	13.9	-0.2	8.8	-0.4	5	17	-8.3	196	75
ESQUEL AERO	4258S	07109W	785	921.6	1012.5	9.2	1.2	6.4	0.8	1	2	-24.1	256	
PASO DE INDIOS	4349S	06853W	460	956.2	1009.8	13.1	-1.4	7.2	1.4	2	8	2.4	188	
TRELEW AERO	4312S	06516W	43	1009.7	1014.8	13.7	0.0			2	13	-1.4	226	85
COMODORO RIVADAVIA AERO	4547S	06730W	46	1005.0	1010.5	11.6	-1.0	7.8	1.7	7	37	27.6	105	50
GOBERNADOR GREGORES AERO	4847S	07010W	356	964.8	1006.9	10.1	0.6	6.6	1.4	19	7.4	143	70	
PUERTO DESEADO AERO	4744S	06555W	80	1001.0	1010.6	9.7	-0.2	8.2	1.0	7	30	17.5	194	110
LAGO ARGENTINO AERO	5020S	07218W	220			8.9	0.8	5.3	-0.4	1		-12.1		
SAN JULIAN AERO	4919S	06747W	62	1000.6	1008.1	11.9	2.0	6.7	0.3	2	4	-13.2	217	
SANTA CRUZ AERO	5001S	06834W	111	993.8	1007.2	10.9	1.7	6.1	4	14	4.4			
RIO GALLEGOS AERO	5137S	06917W	19	1003.4	1005.7	9.4	1.2	6.6	0.2	6	7	-6.3		
RIO GRANDE B.A.	5348S	06745W	22	999.4	1002.1	7.0	1.1	6.8	-0.1	9	32			195
USHUAIA B.A.	5448S	06819W	14	1000.5	1002.2	6.7	0.7	7.1	-0.4	9	31	-2.3		
ANTARCTICA														
SOUTH AFRICA (ANTARCTIC)														
S.A.N.A.E. STATION	7018S	00221W	62	31	972.0	979.2	-21.6	-2.8	0.8	-1.5				
USA (ANTARCTIC)														
AMUNDSEN-SCOTT	9000S	00000E	2800		676.6		-52.4	-1.6			0	T	T 5	415
UNITED KINGDOM (ANTARCTIC)														
HALLEY	7530S	02639W	32		980.3	984.5	-23.0	-3.7	0.7	-1.7				
ARGENTINA (ANTARCTIC)														
CENTRO MET. ANTARTICO "VICEC."	6414S	05643W	198	31	960.6	985.4	-6.7	-0.9						
CHILE (ANTARCTIC)														
CENTRO MET. ANTARTICO "PDTE."	6215S	05856W	10	31	988.6	989.7	-2.5		4.4		11	20	-16	
BASE ARTURO PRAT	6230S	05941W	5	31	988.6	989.2	-2.4		4.3		10	29		
BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	986.3	987.5	-3.5		3.9		8	17		
JAPAN (ANTARCTIC)														
SYOWA	6900S	03935E	21		976.9	979.6	-13.7	-0.5	1.7					
FRANCE (ANTARCTIC)														
DUMONT D'URVILLE	6640S	14001E	43		978.2	983.7	-10.5		1.9					

SW PAC-MALAYSIA

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
SW PACIFIC	0°	0°	m		mb	mb	°C	°C	mb	mb		mm	mm	hr		
MALAYSIA (PENINSULAR)																
PENANG/BAYAN LEPAS	0518N	10016E	4	1009.9	1010.3	27.1	0.8	31.8	4.5	20	321	-63	2	192	115	
KOTA BHARU	0610N	10217E	5	1009.5	1010.1	27.2	0.8	30.6	2.3	8	112	-189	1	219	124	
KUALA LUMPUR/SUBANG	0307N	10133E	22	1008.3	1010.8	26.9	0.7	30.3	1.2	24	503	234	6	187	114	
KUANTAN	0337N	10313E	16	1008.7	1010.5	26.5	0.7	30.1	0.8	16	319	18	3	208	130	
MALACCA	0216N	10215E	9	1009.4	1010.4	27.3	1.0	31.3	1.7	12	156	-57	2	205	115	
SINGAPORE																
SINGAPORE/CHANGI AIRPORT	0122N	10359E	16	1008.3	1010.1	27.8		30.5		7	23	0	181	115		
USA (PACIFIC OCEAN NORTH)																
LIHUE, KAUAI, HAWAII	2159N	15921W	45	1010.2	1015.4	25.6	0.4	26.2	1.6	13	86	-27	3			
HONOLULU, OAHU, HAWAII	2121N	15756W	5	1014.9	1015.4	27.4	1.4	23.5	1.2	1	5	-46	1	201	82	
GUAM, MARIANA IS.	1333N	14450E	111	997.8	1010.4	26.4	0.2	30.6	1.1	23	309	-31	3	65	45	
HILO/GEN. LYMAN, HAWAII	1943N	15504W	11	1044.5	1015.8	24.8	0.7	23.6	-0.3	19	361	107	5	123	87	
TRUK, CAROLINE IS.	0728N	15151E	2	1009.9	1010.2	28.3	1.0	31.4	0.8	17	179	-194	1	207	105	
PONAPE, CAROLINE ISLANDS	0658N	15813E	46	1004.1	1009.3	27.6	0.8	31.0	1.6	26	304	-101	1	157	92	
KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8	1009.4	1010.3	28.7	0.8	30.6	0.4	14	246	-65	2			
MAJURO/MARSHALL IS. INT	0705N	17123E	3	1009.8	1010.1	27.9	0.5	31.1	5.8	17	286	-103	1	236	118	
KOROR, PALAU IS.	0720N	13429E	33	1006.5	1010.3	28.2	0.5	31.7	0.5	23	322	-26	3	177	84	
YAP, CAROLINE IS.	0929N	13805E	17	1007.9	1009.8	27.7	0.4	31.7	1.2	21	167	-152	1	150	99	
SOLOMON ISLANDS																
HONIARA/HENDERSON	0925S	16003E	9	1010.0	1011.0	26.9		26.6		5	50	1	198	95		
VANUATU																
PEKO/AIRPORT (ESPIRITU-SANTO)	1531S	16713E	56		1012.4	25.4	1.0	24.5		3	113	-91	2			
BAUERFIELD (EFATE)	1742S	16818E	21	1011.5	1014.0	23.5		22.6		5	31		265			
ANEITYUM	2014S	16946E	6		1015.6	22.7	0.4	21.6		6	75	-22	3	222		
NEW CALEDONIA																
KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18	1012.8	1014.9	23.2	0.8	20.5	0.6	5	101	66	5	316	121	
NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72	1007.3	1015.7	22.6	0.6	19.8	0.8	9	71	24	4	296	110	
NEW ZEALAND (KIRIBATI)																
TARAWA	0121N	17255E	4	1010.3	1010.8	28.4	0.2	31.1	3.4	12	250	135	5			
NEW ZEALAND (TUVALU)																
FUNAFUTI	0831S	17913E	2	1009.6	1009.8	28.3	0.4	31.7	1.6	18	288	20	4	200	90	
FIJI																
NANDI	1745S	17727E	18	1011.6	1013.7	24.5	-0.5	21.3	-1.3	1	2	-93	0	262	113	
NAUSORI	1803S	17834E	7	1013.3	1014.6	23.2	-1.4	23.3	-1.4	12	102	-174	2			
NEW CALEDONIA (DETACHED IS.)																
HIHIFO (ILE WALLIS)	1314S	17610W	27	1008.9	1012.0	26.6	-0.2	27.9	-1.2	12	108	-192	1	235	110	
SAMOA																
APIA	1348S	17147W	2	1011.7	1012.0	26.7	0.4	27.3	-1.1	10	47	-212	0	183	81	
NEW ZEALAND (COOK ISLANDS)																
RAROTONGA	2112S	15949W	7	1016.2	1017.0	22.1	-0.8	19.4	-1.3	10	70	-36	3	210	115	
FRENCH POLY. (MARQUESAS)																
ATUONA	0948S	13902W	52	1005.2	1011.1	26.6	1.1	27.2	3.2	12	204	123	5	198	80	
FRENCH POLY. (SOCIETY IS.)																
BORA-BORA	1627S	15145W	3	1012.7	1013.0	25.9	0.0	26.4	1.2	5	30	-96	1	164	70	
TAHITI-FAAA	1733S	14937W	2	1012.9	1013.2	25.5	0.4	24.7	1.1	3	28	-57	1	169	75	
FRENCH POLY. (TUAMOTU IS.)																
TAKAROA	1429S	14502W	3	1012.0	1012.3	27.1	0.6	29.0	2.7	20	242	123	5	213	85	
HAO	1804S	14057W	3	1013.7	1014.1	25.3	0.1	25.8	0.3	15	87	-5	3	200	80	
HEREHERETUE	1952S	14500W	3	1015.0	1015.4	23.7	-0.5	21.7	-2.1	9	75	-29	3	147	65	
RIKITEA	2308S	13458W	89	1006.8	1017.1	20.9	-1.5	20.3	-0.8	8	56	-94	1	157	85	

SW PAC-FRENCH POLY.

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY'S 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE
SW PACIFIC	0°	0°	3										
FRENCH POLY. (AUSTRAL IS)													
TUBUAI	2321S	14929W	3	1017.7	1018.0	21.1	-0.4	17.8	-2.2	7	54	-57	2 203 110
RAPA	2737S	14420W	2	1018.9	1019.2	17.9	-1.1	14.6	-2.5	11	307	-137	5 142 100
NEW ZEALAND													
KAITAIA	3508S	17316E	87	1007.6	1017.9	14.1		13.0		11	101	3	123 65
AUCKLAND AIRPORT	3701S	17448E	6	1017.4	1018.1	14.4	-0.1	13.3	0.4	10	77	-14	3 155 85
GISBORNE AERODROME	3840S	17759E	8	1016.7	1017.7	14.2	0.9	11.5	0.0	6	35	-29	2 204 102
NEW PLYMOUTH AERODROME	3901S	17411E	36	1012.8	1017.2	12.7	0.0	12.2	0.3	14	154	-36	5 167 95
WELLINGTON	4117S	17446E	128	999.0	1014.7	12.1	0.2	11.4	0.7	11	116	15	4 214 117
HOKITIKA AERODROME	4243S	17059E	40	1009.9	1014.8	11.1	0.0	11.2	0.5	18	303	56	4 161 101
CHRISTCHURCH AIRPORT	4329S	17233E	34	1008.1	1012.2	11.6	0.0	10.2	0.8	7	64	21	4 194 104
INVERCARGILL AERODROME	4625S	16820E	1	1010.5	1010.6	10.3	0.6	9.9	0.8	16	132	47	5 154 93
CAMPBELL ISLAND	5233S	16909E	19	1001.1	1003.4	6.2	0.0	7.9	0.7	22	128	-7	4 59 87
CHATHAM ISLAND	4357S	17634W	48	1008.4	1014.2	10.2	0.0	11.2	0.9	8	32	-27	1 165 125
RAOUL ISLAND, KERMADEC IS.	2915S	17755W	49	1014.0	1019.9	17.2	-0.2	15.1	-0.9	8	68	-49	2 161 84
AUSTRALIA													
DARWIN AIRPORT	1224S	13052E	30	1010.1	1013.5	27.7	-1.3	23.5	-2.5	2	22	-58	2 298 101
GOVE AIRPORT	1216S	13649E	54	1008.1	1014.3	24.6		22.2		0	0		297
THURSDAY ISLAND	1035S	14213E	61	1006.1	1013.0	26.1	-0.9	25.2	0.0	2	6	-5	4
BROOME AIRPORT	1757S	12213E	9	1013.1	1014.1	24.3	-3.1	11.0	-8.3	0	1	-1	4
HALLS CREEK AIRPORT	1813S	12739E	424	966.7	1014.4	25.9	-3.6	5.6	-6.2	0	0	-15	1
TENNANT CREEK AIRPORT	1938S	13410E	376	973.9	1016.6	24.2	-3.5	5.5	-4.1	2	6	-19	2 317 100
CAIRNS AIRPORT	1653S	14545E	7	1016.8	1017.6	23.3	-1.5	20.9	-0.3	8	63	23	4 229
TOWNSVILLE AIRPORT	1915S	14645E	6	1017.9	1018.6	22.9	-2.0	16.7	-2.1	1	.2	-25	1 294 105
WILLIS ISLAND	1618S	14959E	9	1014.9	1015.9	24.9	-1.2	22.5	-1.3	9	65	41	5
CARNARVON AIRPORT	2452S	11340E	7	1017.3	1018.1	20.9	0.0	9.8	-3.3	2	10	4	5
LEARMONTH AIRPORT	2214S	11405E	6	1015.9	1016.5	22.3	-1.2	10.7	-1.5	0	0	-4	3
PORT HEDLAND AIRPORT	2022S	11837E	11	1014.3	1015.0	24.0	-2.1	6.8	-5.6	0	0	-1	3
ALICE SPRINGS AIRPORT	2348S	13354E	544	957.1	1019.7	17.8	-5.0	5.2	-3.7	1	4	-18	2 309 96
MT ISA AIRPORT	2039S	13929E	342	977.9	1017.1	21.6	-4.0	6.5	-4.1	1	4	-14	2 304 100
LONGREACH AIRPORT	2326S	14416E	193	996.5	1018.9	21.1	-4.0	9.0	-2.1	1	3	-19	1
MACKAY	2107S	14913E	31	1015.9	1019.5	20.5	-2.7	17.9	-2.2	3	12	-30	2
GLADSTONE	2351S	15116E	76	1011.8	1020.7	20.9	-2.4	13.7	-4.6	1	24	-48	2
GERALDTON AIRPORT	2847S	11442E	34	1016.1	1020.2	16.7	-1.1	10.4	-1.6	3	19	-1	3
MEEKATHARRA AIRPORT	2636S	11831E	518	959.6	1019.1	19.9	-1.9	5.7	-2.6	0	0	-5	2
GILES	2502S	12818E	599	950.9	1018.8	19.6	-4.2	4.4	-3.5	1	3	-12	3 321 98
CHARLEVILLE AIRPORT	2625S	14616E	304	985.3	1020.7	17.1	-4.8	8.5	-2.4	1	8	-31	1
MOREE	2928S	14951E	212	996.3	1021.4	15.6	-4.1	10.1	-2.5	1	4	-46	0 309
INDONESIA (SUMATRA)													
TANJUNGPINANG/KIJANG	0055N	10432E	18	1008.9	1011.2	26.0		29.9		19	350		
PAKANBARU/SIMPANGTIGA	0028N	10127E	31	1005.9	1009.8	26.6	0.0	29.0		23	326	87	5
PADANG/TABING	0053S	10021E	3	1010.3	1011.0	26.1	0.5			21	649	152	4 152 55
RENGAT/JAPURA	0028N	10219E	46	1009.0	1011.5	26.7	-0.2	30.0		15	191	-22	3 158 160
PALEMBANG/TALANGBETUTU	0254S	10442E	10	1009.1	1010.6	27.9	1.0	30.0		9	180	-39	3 121
PANGKALPINANG/PANGKALPINANG	0210S	10608E	33	1006.1	1010.2	28.0	0.9	28.5		11	51	-149	2
BRUNEI DARUSSALAM													
BRUNEI AIRPORT	0456N	11456E	15	1008.4	1010.1	27.1		30.7		14	251		230
MALAYSIA(SABAH & SARAWAK)													
KUCHING	0129N	11020E	27	1008.3	1010.9	26.3	0.4	29.7	0.1	17	379	38	4 132 90
KOTA KINABALU	0556N	11603E	3	1009.6	1009.9	27.5	1.1	30.2	1.6	13	176	-171	1 229 115
INDONESIA (KALIMANTAN)													
TARAKAN/JUNATA	0320N	11734E	6	1010.0	1016.0	27.0	-0.2	30.3					
BALIKPAPAN/SEPINGGAN	0116S	11654E	3	1010.0	1010.7	28.2	0.9	31.8					
INDONESIA (JAWA)													
SURABAYA/PERAK	0713S	11243E	3	1010.5	1011.2	29.7	1.0	24.6		0	2	-34	2 402
INDONESIA (SULAWESI)													
MENADO/DR. SAM RATULANGI	0132N	12455E	80	1002.2	1011.6	27.0	0.9	27.2		15	87	-86	1 172 170
PALU/MUTIARA	0041S	11944E	6	996.8	1010.9	29.1		26.2		6	31		

SW PAC--INDONESIA

SURFACE

OCTOBER 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY 1 MM	TOTAL MM	DEPARTURE mm	QUINTILE
SW PACIFIC														
INDONESIA (NUSATENGGARA)														
DENPASAR/NGURAH-RAI	0845S	11510E	1	1012.0	1012.6	26.8	-0.5	27.8						
AMPENAN/SELAPARANG	0832S	11604E	3	1010.6	1012.7	27.7	0.9	27.4	0	0	-79	1		
SUMBAWA BESAR/SUMBAWA BESAR	0826S	11725E	3	1010.3	1011.0	28.2		26.0	0	0	-13	1	248	
WAINGAPU/MAU HAU	0940S	12020E	12	1010.9	1012.4	27.5	-0.6	25.8	0	0				
INDONESIA (MALUKU/IRIAN JAYA)														
AMBON/PATTIMURA	0342S	12805E	12	1009.7	1011.6	26.0	-0.6	28.6						
SAUMLAKI	0759S	13118E	24	1010.0	1012.6	26.9	-1.4	20.5						
PHILIPPINES														
BASCO	2027N	12158E	11	998.9	1000.1	28.6	2.2		12	245	-73	3		
LAOAG	1811N	12032E	5	1009.6	1010.2	29.8			4	315	5	255	70	
APARRI	1822N	12138E	4	1009.2	1009.5	27.8	0.8	31.7	2.2	5	422	90	4	
TUGUEGARAO	1737N	12144E	24	1002.3	1009.3	28.4		26.4	8	162		2		
DAGUPAN	1603N	12020E	2	1009.3	1009.5	28.8	0.7	31.7	2.1	12	148	-6	3	
BAGUIO	1625N	12036E	1501	851.4	1008.2	20.3		20.6	12	502	5	180		
MANILA INT. AIRPORT	1431N	12100E	15	1005.6	1006.8	28.0	0.8	31.7	3.4	16	197	14	4	
LEGASPI	1308N	12344E	17	1007.9	1009.8	28.1	1.0	31.7	1.5	15	218	-99	2	
TACLOBAN	1115N	12500E	21	1009.1	1009.4	27.8	0.1	31.7	1.7	12	202	36	4	
ILOILO	1042N	12234E	8	1008.4	1009.3	28.8	1.5	31.7	0.9	16	152	-94	2	
TAGBILARAN	0936N	12351E	6	1009.0	1009.7	28.3		31.7	16	110	1			
MACTAN	1018N	12358E	9	1009.2	1010.6	28.6		31.7	11	178				
ZAMBOANGA	0654N	12204E	6	1008.5	1009.2	28.8	1.7	31.7	2.0	10	56	-129	1	
SHIP SITE														
OCEAN WEATHER STATIONS														
MIKE	6600N	00200E	0		1007.3	3.2 S 9.0		9.6						

EUROPE-GREECE

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	QUINTILE	TOTAL	% OF AV.
JUN 1986	0°	0°	m	mb	mb	°C	°C	mb	mb	m	m	m	m	%
EUROPE														
GREECE														
THESSALONIKI/MIRKA	4031N	02258E	4	30	1011.2	1011.8	24.5	-0.1	17.4	-1.0	10	68	38	5
KERKYRA	3937N	01955E	4	30	1010.6	1011.2	24.0	-0.0	19.3	1.4	4	29	19	5
LARISSA	3938N	02225E	74	30	1001.6	1010.1	25.5	0.5	14.9	0.1	2	40	13	4
ATHINAI/OBSERVATORY	3758N	02343E	107	30	997.8	1010.2	25.4	0.6	16.5	1.3	3	40	31	5
ATHENS (HELLINIKON)	3754N	02344E	15	30	1009.0	1010.9	25.2	-0.2	17.4	0.0	3	37	29	5
KALAMATA	3704N	02201E	8	30	1009.8	1011.1	24.0	-0.3	19.1	2.2	1	44	35	6
SOUDA	3529N	02407E	151	30	993.7	1011.2	24.8	0.4	15.6	0.6	1	4	0	3
HERAKLION	3520N	02511E	39	30	1006.1	1010.8	24.5	0.1	17.8	0.6	1	1	-2	3
JUL 1986														
EUROPE														
GREECE														
THESSALONIKI/MIRKA	4031N	02258E	4	31	1013.8	1014.4	25.9	-0.9	18.2	0.4	1	3	-22	1
KERKYRA	3937N	01955E	4	31	1011.9	1013.4	25.6	-0.8	19.7	0.4	3	11	2	4
LARISSA	3938N	02225E	74	31	1004.0	1012.5	26.5	-0.9	16.1	0.5	3	7	-12	2
ATHINAI/OBSERVATORY	3758N	02343E	107	31	1000.1	1012.3	27.7	0.4	17.4	0.7	1	1	-3	4
ATHENS (HELLINIKON)	3754N	02344E	15	31	1010.8	1012.7	27.9	-0.3	18.0	-0.2	0	0	-2	0
KALAMATA	3704N	02201E	8	31	1005.3	1012.7	26.4	-0.3	20.6	1.8	0	0	-3	0
SOUDA	3529N	02407E	151	31	995.1	1012.6	26.6	0.2	17.6	0.9	0	0	0	4
HERAKLION	3520N	02511E	39	31	1007.3	1012.0	26.3	0.1	20.4	1.1	0	0	-1	0
AUG 1986														
EUROPE														
GREECE														
THESSALONIKI/MIKRA	4031N	02258E	4	31	1013.6	1014.3	26.9	0.6	18.8	1.1	2	28	8	4
KERKYRA	3937N	01955E	4	31	1012.1	1012.7	27.4	1.1	20.6	0.8	0	0	-17	0
LARISSA	3938N	02225E	74	31	1004.0	1012.5	27.0	0.4	16.0	0.4	2	10	-2	4
ATHINAI/OBSERVATORY	3758N	02343E	107	31	999.6	1011.8	28.5	1.4	17.2	0.6	0	0	-5	0
ATHENS(HELLINIKON)	3754N	02344E	15	31	1010.2	1012.1	28.8	0.6	16.9	-1.3	0	0	-5	0
KALAMATA	3704N	02201E	8	31	1010.7	1012.1	26.6	-0.1	21.0	1.3	2	15	6	5
SOUDA	3529N	02407E	151	31	994.5	1011.9	26.7	1.3	18.8	1.5	0	0	-2	3
HERAKLION	3520N	02511E	39	31	1006.4	1011.1	26.7	0.6	21.5	2.3	0	0	0	0
SEP 1986														
EUROPE														
GREECE														
THESSALONIKI/MIRKA	4031N	02258E	4	30	1017.6	1018.3	22.2	0.3	14.8	-0.9	2	34	2	4
KERKYRA	3937N	01955E	4	30	1015.2	1015.9	23.6	1.0	18.4	-0.1	3	69	-20	3
LARISSA	3938N	02225E	74	30	1007.7	1016.3	22.3	0.2	13.7	-1.1	3	8	-30	2
ATHINAI/OBSERVATORY	3758N	02343E	107	30	1003.5	1015.9	24.3	1.0	14.6	-1.1	0	0	-16	0
ATHENS (HELLINIKON)	3754N	02344E	15	30	1014.2	1016.0	24.7	0.3	15.4	-1.6	0	0	-14	0
KALAMATA	3704N	02201E	8	30	1014.0	1015.4	23.3	-0.3	17.7	-0.4	1	2	-29	1
SOUDA	3529N	02407E	151	30	997.6	1015.3	23.1	0.2	18.2	1.3	4	116	-100	6
HERAKLION	3520N	02511E	39	30	1009.8	1014.6	25.0	1.5	18.8	1.1	3	38	20	5
OCT 1986														
EUROPE														
GREECE														
THESSALONIKI/MIKRA	4031N	02258E	4	31	1020.0	1020.7	15.6	-0.6	11.7	-0.7	6	18	-36	2
KERKYRA	3937N	01955E	4	31	1017.0	1017.6	19.2	1.0	16.4	1.6	9	104	-61	2
LARISSA	3938N	02225E	74	31	1010.1	1019.0	15.7	-0.5	11.8	-0.3	5	170	109	5
ATHINAI/OBSERVATORY	3758N	02343E	107	31	1005.7	1018.4	18.1	-0.4	13.4	-0.2	5	45	-19	3
ATHENS(HELLINIKON)	3754N	02344E	15	31	1016.8	1018.6	18.9	-0.7	12.9	-1.6	4	57	-9	3
KALAMATA	3704N	02201E	8	31	1016.3	1017.7	18.1	-1.2	15.0	0.5	9	97	-12	3
SOUDA	3529N	02407E	151	31	999.9	1018.0	18.3	-0.7	14.4	-0.8	7	44	-49	2

EUROPE-GREECE

EUROPE-GREECE

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY'S 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE
OCT 1986	0°	0°	0	31										
EUROPE														
GREECE														
HERAKLION	3520N	02511E	39	31	1012.5	1017.3	19.1	-1.0	14.2	-1.2		-14	3	58
NOV 1986														
EUROPE														
GREECE														
THESSALONIKI/MIKRA	4031N	02258E	4	30	1024.3	1025.0	9.5	-1.9	8.8	-1.2	3	53	-2	3
KERKYRA	3937N	01955E	4	30	1020.3	1021.0	13.5	-0.9	11.7	-0.6	5	127	-67	2
LARISSA	3938N	02225E	74	30	1014.4	1023.6	9.1	-2.2	9.4	-0.5	2	63	9	4
ATHINAI/OBSERVATORY	3758N	02343E	107	30	1009.6	1022.7	12.4	-2.4	9.9	-1.8	3	28	-24	2
ATHENS(HELLINIKON)	3754N	02344E	15	30	1020.8	1022.7	13.2	-2.7	9.6	-3.3	1	30	-26	2
KALAMATA	3704N	02201E	8	30	1019.4	1020.8	12.8	-2.6	10.6	-1.6	5	67	-71	1
SOUDA	3529N	02407E	151	30	1002.6	1021.1	13.7	-2.2	11.6	-1.6	7	87	-27	4
HERAKLION	3520N	02511E	39	30	1015.3	1020.2	15.1	-1.8	11.3	-1.3	6	45	-1	3
DEC 1986														
EUROPE														
GREECE														
THESSALONIKI/MIKRA	4031N	02258E	4	31	1020.0	1020.7	4.3	-2.9	5.7	-2.1	3	10	-45	1
KERKYRA	3937N	01955E	4	31	1017.7	1018.3	9.1	-2.2	8.9	-1.1	11	143	-62	2
LARISSA	3938N	02225E	74	31	1010.4	1019.7	3.4	-3.5	6.3	-1.7	3	20	-36	1
ATHINAI/OBSERVATORY	3758N	02343E	107	31	1005.7	1018.8	9.8	-1.5	8.2	-1.3	4	31	-34	1
ATHENS(HELLINIKON)	3754N	02344E	15	31	1016.9	1018.9	10.7	-1.7	8.1	-3.7	3	28	-40	1
KALAMATA	3704N	02201E	8	31	1017.1	1018.4	9.4	-2.9	8.8	-1.4	9	96	-59	2
SOUDA	3529N	02407E	151	31	1000.0	1018.5	11.4	-1.4	9.7	-1.1	4	100	5	3
HERAKLION	3520N	02511E	39	31	1013.0	1018.0	12.6	-1.3	10.0	-0.7	9	148	70	6
MAR 1987														
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1009.4	1010.4	28.2	0.1			0	0	-6	0
APR 1987														
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1010.1	1011.1	28.6	0.0			2	33	-32	3
JUN 1987														
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1011.8	1012.8	26.4	-0.2			10	127	51	5
JUL 1987														
EUROPE														
ITALY														
MESSINA	3812N	01533E	51	31	1008.0	1014.0	27.3	1.9	22.3	1.1	1	9	-8	2
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1012.1	1013.1	27.0	1.2			9	24	-54	2

S AMER-BRAZIL

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM TOTAL	DEPARTURE QUINTILE	TOTAL hr	% OF AV.
JUL 1987	0°	0°	8											
S AMERICA														
BRAZIL														
SALVADOR	1301S	03831W	51	31	1010.2	1016.2	24.2	0.7	23.8	1.3	23	189	8 3	
AUG 1987														
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1012.6	1013.6	26.8	1.2			14	49	9 4	
SEP 1987														
ASIA														
AFGHANISTAN														
MAZAR-I-SHARIF	3642N	06712E	378	30	970.0	1013.0	25.3	0.3	7.7	0.4	0	0	0 5	286 96
HERAT	3413N	06213E	964	30	903.9	1010.0	23.3	0.5	10.2	2.0	0	0	-T 0	276 86
CHAKHCHARAN	3432N	06516E	2230	30	778.3	1488 Y	13.6	1.2	6.0	1.5	0	0	0 4	224 90
KABUL AIRPORT	3433N	06913E	1791	30	819.7	1476 Y	21.2	1.7	7.4	-0.3	0	0	-2 0	298 103
KANDAHAR AIRPORT	3130N	06551E	1010	30	896.5	1006.0	26.6	2.7	7.5	0.4	0	0	" 0 5	309 69
DEMOCRATIC YEMEN														
ADEN KHORMAKSAR	1250N	04502E	3		1006.8	1007.1	32.1		34.4		2	64		
AFRICA														
SOMALIA														
MOGADISCIO	0202N	04521E	9		1011.8	1012.8	27.2	1.0			6	38	22 5	
S AMERICA														
BRAZIL														
SAO LUIZ	0232S	04417W	51		1005.9	1011.7	26.8	0.5	30.0		0	0	-37 1	
SAO FELIX DO XINGU	0638S	05158W	150		990.1	1011.3	26.3		28.2		5	50		
MONTES CLAROS	1643S	04352W	646		942.2	1013.4	24.2	1.6	17.3	1.8	4	50	5 4	
ANTARCTICA														
GERMANY, F.R. (ANTARCTIC)														
GEORG VON NEUMAYER	7037S	00822W	40		979.0	983.5	-26.7		0.7					
SW PACIFIC														
AUSTRALIA														
BRISBANE AIRPORT	2726S	15305E	6		1020.4	1021.1	18.6	0.4	12.9	0.4	0	0	-35 1	297 115
PERTH AIRPORT	3156S	11557E	12		1020.1	1021.6	15.5	1.3	11.2	-0.4	6	42	-23 2	262 100
KALGOORLIE AIRPORT	3046S	12127E	360		979.1	1021.3	16.1	1.4	7.8	-1.0	2	3	-15 1	
ESPERANCE	3349S	12153E	26		1019.1	1022.2	15.3	1.2	11.4	0.2	7	46	-18 3	
FORREST AIRPORT	3050S	12806E	160		1003.2	1022.4	15.3	0.6	7.3	-2.0	2	4	-12 2	
CEDUNA AIRPORT	3207S	13342E	17		1020.9	1023.0	14.5	0.1	9.4	-1.1	3	10	-20 1	228 97
WOOMERA AERODROME	3109S	13648E	167		1002.4	1022.2	16.7	1.3	7.3	-2.0	2	6	-12 2	280 106
ADELAIDE AIRPORT	3456S	13831E	4		1022.2	1022.7	13.5	0.1	9.9	-0.7	6	15	-27 1	234 125
MILDURA AIRPORT	3414S	14205E	53		1015.9	1022.3	14.5	0.8	9.3	-0.6	3	18	-11 2	
COBAR	3129S	14549E	265		990.6	1021.9	15.6	0.5	8.5	-0.7	1	6	-23 2	279
SYDNEY AIRPORT	3357S	15111E	3		1019.2	1019.7	16.1	0.8	9.9	-0.9	3	10	-42 1	276 130
WILLIAMTOWN AERODROME	3247S	15149E	11		1018.9	1019.9	15.3	0.4	11.5	-0.1	3	19	-37 1	279 124
COFFS HARBOUR AIRPORT	3019S	15307E	5		1019.8	1020.5	15.9	-0.2	10.8	-1.0	1	2	-63 1	289 120
ALBANY AIRPORT	3457S	11748E	69		1013.3	1021.6	13.1	0.5	12.1	0.9	11	48	-37 1	
MT GAMBIER AIRPORT	3744S	14047E	69		1012.2	1020.5	12.3	1.6	10.5	0.0	11	27	-45 1	151 90
LAVERTON AERODROME	3751S	14444E	14		1017.5	1020.0	12.2	0.4	9.9	-0.3	6	42	-14 2	183 115
EAST SALE AERODROME	3806S	14708E	8		1018.4	1019.4	12.4	1.1	10.2	-0.3	7	31	-22 1	216 120
WAGGA AIRPORT	3509S	14727E	213		995.9	1021.4	11.3	0.4	10.1	0.1	7	29	-27 2	224
CANBERRA AIRPORT	3518S	14911E	577		951.9	1019.6	10.0	0.8	8.5	0.0	4	24	-32 1	250 111
HOBART AIRPORT	4250S	14730E	3		1012.7	1013.1	12.3	1.9	8.3	-0.7	7	38	-4 3	233 130

SW PAC-AUSTRALIA

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
SEP 1987 SW PACIFIC AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND NORFOLK ISLAND AIRPORT MACQUARIE ISLAND	0	0	3	mb	mb	0C	0C	mb	mb		mm	mm	-71	1
LORD HOWE ISLAND NORFOLK ISLAND AIRPORT MACQUARIE ISLAND	3131S 15905E	46	1014.2	1019.7	17.3	0.7	13.9	0.1	8	65			247	115
LORD HOWE ISLAND NORFOLK ISLAND AIRPORT MACQUARIE ISLAND	2902S 16756E	109	1006.5	1019.4	16.7	0.6	13.7	-0.8	8	44	-49	1	103	170
LORD HOWE ISLAND NORFOLK ISLAND AIRPORT MACQUARIE ISLAND	5429S 15856E	6	991.8	992.5	2.5	-0.9	6.0	-1.3	20	73	5	3		
ISLANDS COCOS ISLAND AIRPORT	1211S 09649E	3	1013.8	1014.1	26.0	0.1	25.3	0.8	8	60	-29	3		

S AMER-BRAZIL

SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	% OF AV
MAY 1987 S. AMERICA BRAZIL SALVADOR	0°	0°	51	1006.7			0C	0C					
SEP 1987 S. AMERICA BRAZIL PORTO NACIONAL SALVADOR BRASILIA	1301S 1031S 1301S 1547S	03831W 04843W 03831W 04756W	250 51 1158	1006.7 1012.4 22.7 1.1			14.6	0.6	19.5	120	76.5		

EUROPE-NORWAY

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps
mb	gpm																									
030	23700	4	-58.4	23.4	6	93	250	17	030	23609	3	-61.7	23.8	4	95	278	18	030	23839	2	-57.9		2	89	274	13
050	20468	4	-55.6	24.4	4	90	241	14	050	20418	1	-58.4	24.7	1	94	273	17	050	20610	2	-56.8		2	83	265	10
100	16007	2	-50.9	25.9	2	87	227	13	100	16006	0	-53.3	25.0	0	93	263	17	100	16181	2	-53.7		2	89	243	13
150	13355	2	-49.1	27.2	3	87	216	13	150	13382	0	-51.1	25.1	0	93	258	20	150	13569	2	-52.9		2	85	235	17
200	11464	2	-48.6	25.7	2	79	214	14	200	11511	0	-51.3	22.4	0	91	255	23	200	11712	2	-53.0		2	82	230	21
300	8806	1	-49.4	12.8	2	71	203	14	300	8880	0	-49.7	10.0	0	86	250	26	300	9099	2	-46.4		2	81	228	27
500	5314	1	-27.5	9.8	1	61	204	9	500	5369	0	-25.8	9.5	0	86	249	17	500	5506	2	-21.3	3.9	2	87	225	21
700	2812	1	-11.8	8.8	3	45	201	5	700	2855	0	-10.8	9.4	0	81	246	11	700	2947	2	-6.4	5.4	2	86	222	15
850	1304	3	-5.1	3.6	3	24	150	3	850	1341	3	-4.3	4.9	1	58	240	7	850	1406	2	1.4	4.3	2	93	215	13
1001	* 9		0.9	2.2					10004	*	18	-1.1	-1.5					10008	*	8	9.6	2.5				
EUROPE - NORWAY JAN MAYEN 7056N 00840W OB 3																										
EUROPE - NORWAY ORLAND 6342N 00936E OB 3																										
030	23839	2	-58.1		5	88	268	9	030	23839	2	-57.1		1	72	267	5	030	23840	0	-57.0		0	80	250	5
050	20613	1	-56.9		2	80	258	7	050	20613	2	-56.2		1	75	238	5	050	20610	0	-56.7		0	76	230	5
100	16192	1	-53.7		3	82	229	10	100	16206	2	-55.2		1	85	221	10	100	16191	0	-55.1		0	90	210	10
150	13572	1	-52.6		2	80	220	13	150	13613	2	-54.2		1	86	213	14	150	13584	0	-53.7		0	82	205	15
200	11819	1	-53.7		2	82	215	18	200	11845	2	-55.2		1	84	211	18	200	11728	0	-53.5		0	87	210	19
300	9109	1	-46.6		2	74	215	21	300	9155	2	-46.5		1	77	204	19	300	9101	0	-47.8		0	84	200	22
500	5530	1	-21.0	5.1	2	86	212	18	500	5572	2	-20.7	10.0	1	88	201	17	500	5526	0	-21.1	6.8	0	90	195	19
700	3020	1	-5.6	7.2	3	87	214	14	700	3004	2	-5.0	9.2	1	91	196	14	700	2968	0	-5.6	6.9	0	94	190	15
850	1392	1	2.3	7.4	4	77	208	9	850	1458	2	0.4	3.7	1	88	191	11	850	1419	0	0.9	5.5	0	87	170	13
1010	* 10		9.5	5.2					993	*	201	6.5	1.6					1007	*	33	9.6	3.5				
EUROPE - SWEDEN SUNDSVALL-HARNOSAND FLYGPLAT 6232N 01727E OB 3																										
030	23839	6	-58.6	29.2					030	23839	6	-58.6	29.2					030	23840	0	-57.0		0	80	250	5
050	20614	17	-58.2						050	20635	5	-58.4	28.4					050	20622	15	-58.0					
100	16234								100	16260	5	-57.3	25.8					100	16260	5	-55.2	27.5	8	87	216	13
150	13651	5	-56.1	22.3					150	13687	5	-57.1	22.3	8	83	228	11	150	13658	5	-55.2	27.5	8	87	215	13
200	11824	6	-57.7	14.0					200	11863	5	-57.6	14.2	8	72	221	12	200	11827	5	-55.8	19.7	8	72	215	16
300	9215	5	-46.4	8.7					300	9256	5	-45.9	9.3	8	73	206	13	300	9200	5	-46.2	10.9	8	78	204	16
500	5620	6	-19.7	10.1					500	5661	5	-19.3	12.7	6	88	201	14	500	5607	5	-19.6	13.4	8	82	197	13
700	3040	5	-3.7	12.7	9	78	203	11	700	3071	5	-2.9	16.1	6	89	199	12	700	3026	5	-3.3	12.8	9	89	197	11
850	1482	0	-2.9	10.0	9	78	203	11	850	1508	0	-4.3	12.2	6	87	197	11	850	1474	0	-3.7	10.8	9	87	198	10
1009	* 6		6.6	1.6					1009	*	22	9.1	3.2					1007	*	155	8.4	3.2				
EUROPE - FINLAND SODANKYLA 6722N 02639E OB 3																										
030	23729	0	-60.5		0	94	294	12	030	23804	0	-59.1		0	87	295	8	030	23824	0	-58.6		0	82	291	7
050	20537	0	-58.7		0	90	288	11	050	20601	0	-58.8		0	81	285	7	050	20618	0	-58.6		0	77	278	6
100	16159	0	-56.3		0	87	268	12	100	16232	0	-57.5		0	79	262	8	100	16248	0	-57.4		0	78	256	7
150	13581	0	-55.7		0	86	261	17	150	13670	0	-57.3		0	74	253	10	150	13685	0	-57.3		0	71	243	9
200	11753	0	-57.0		0	82	257	21	200	11858	0	-58.7		0	69	246	12	200	11871	0	-58.2		0	64	235	10
300	9154	0	-47.5	7.1	0	80	254	24	300	9258	0	-46.7	7.4	0	62	239	12	300	9267	0	-46.5	6.9	0	59	226	10
500	5579	0	-20.7	10.0	0	84	250	20	500	5671	0	-19.7	12.1	0	70	230	11	500	5676	0	-19.5	12.7	0	71	217	10
700	3014	0	-5.6	11.3	0	86	245	16	700	3093	0	-3.6	15.3	0	78	227	11	700	3095	0	-3.3	14.0	0	79	210	11
850	1470	0	0.9	7.4	0	87	236	14	850	1537	0	3.8	13.0	0	81	222	12	850	1537	0	3.9	12.5	0	81	208	11
997	* 179		5.5	2.7					1009	*	145	5.6	3.1					1013	*	103	6.4	2.1				
EUROPE - UNITED KINGDOM LERWICK 6008N 00111W OB 3																										
030	23800	2	-56.6		1	78	264	5	030	23809	2	-56.0		2	64	254	4	030	23839	0	-56.0		0	53	248	3
050	20561	0	-56.0		0	72	229	5	050	20562	0	-55.1		0	69	218	5	050	20599	0	-56.0		0	78	218	5
100	16115	0	-52.6		0	86	210	10	100	16104	0	-51.8		0	83	213	9	100	16168	0	-53.5		0	92	217	10
150	13486	0	-50.7		0	82	207	14	150	13466	0	-50.1		0	73	211	11	150	13551	0	-51.4		0	84	219	14
200	11612	0	-50.7		0	82																				

EUROPE - U. KINGDOM

UPPER AIR

OCTOBER 1987

EUROPE-FRANCE

UPPER AIR

OCTOBER 1987

EUROPE-GERMANY, FED REP

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION			
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 5228N 00942E OB 3																										
030	23865	0	-57.7		0	57	248	4	030	23917	2	-57.1		2	63	250	3	030	23866	0	-57.8		0	61	248	4
050	20652	0	-58.1		0	76	235	5	050	20693	1	-58.0		1	74	237	5	050	20651	0	-58.2		0	82	230	6
100	16276	0	-56.6		0	88	227	10	100	16312	0	-56.8		0	80	233	8	100	16273	0	-56.9		0	90	227	10
150	13701	0	-55.7		0	84	230	13	150	13741	0	-56.0		0	77	236	11	150	13700	0	-55.8		0	90	229	16
200	11869	0	-55.7	8.1	0	79	233	17	200	11907	0	-55.4	18.4	0	67	242	12	200	11866	0	-55.5	7.5	0	86	232	21
300	9240	0	-44.9	8.2	0	68	229	15	300	9271	0	-44.4	13.1	0	57	239	12	300	9235	0	-44.5	7.4	0	81	231	20
500	5632	0	-18.7	9.6	0	75	212	11	500	5655	0	-18.3	16.8	0	49	214	7	500	5625	0	-18.6	8.9	0	86	221	14
700	3040	0	-2.4	12.4	0	76	209	8	700	3061	0	-2.2	20.5	0	52	189	6	700	3033	0	-2.6	9.9	0	84	214	11
850	1473	0	5.5	7.9	0	68	196	7	850	1496	0	5.0	9.9	0	66	176	6	850	1467	0	5.9	7.0	0	76	210	9
1009	* 55	10.3	3.4					1013	* 46	11.4	5.2					996	* 153	11.7	4.3							
EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENNBERG 4850N 00912E OB 3																										
030	23862	0	-57.8		0	55	250	4	030	23887	0	-57.5		0	57	268	4	030	23919	26	-57.4		9	48	342	2
050	20655	0	-58.9		0	79	241	5	050	20679	0	-59.2		0	71	251	5	050	20687	14	-58.5		9	68	288	4
100	16301	0	-58.3		0	87	239	10	100	16318	0	-58.4	12.0	0	83	248	9	100	16321	1	-57.6	8.4	6	78	291	8
150	13746	0	-57.4		0	84	244	14	150	13774	0	-57.9	11.4	0	80	256	13	150	13766	1	-56.8	7.6	1	73	287	11
200	11928	0	-56.9	7.8	0	83	247	21	200	11958	0	-57.2	10.3	0	78	258	20	200	11940	1	-55.3	6.9	1	68	281	15
300	9299	0	-44.0	7.8	0	80	245	21	300	9328	0	-43.4	10.5	0	77	261	19	300	9304	0	-43.9	7.4	0	60	277	15
500	5669	0	-17.1	10.1	0	83	239	13	500	5688	0	-16.4	10.9	0	76	252	11	500	5674	0	-17.0	10.2	0	57	286	9
700	3063	0	-1.2	10.3	0	77	230	8	700	3076	0	-0.3	9.8	0	74	247	7	700	3070	0	-1.3	12.0	0	43	309	4
850	1489	0	7.6	8.6	0	58	227	5	850	1495	0	8.6	11.5	0	37	228	3	850	1501	0	5.7	5.3	0	50	2	4
979	* 315	10.7	3.4					960	* 489	9.6	3.2					983	* 304	10.3	4.5							
EUROPE - CZECHOSLOVAKIA POPRAD/GANOVCE 4902N 02019E OB 3																										
030	23909	3	-59.1		5	52	300	3	030	23901	29	-59.2		9	100	260	4	030	23919	26	-57.4		9	48	342	2
050	20710	0	-59.5		0	51	281	3	050	20745	22	-57.5		9	57	258	2	050	20687	14	-58.5		9	68	288	4
100	16364	0	-58.6	8.3	0	69	273	5	100	16331	1	-56.5		1	72	239	3	100	16328	4	-57.0		4	78	238	4
150	13811	0	-57.4	7.9	0	65	279	8	150	13763	0	-56.0		0	68	230	8	150	13758	1	-56.6	1	69	238	5	
200	11988	0	-55.2	7.7	0	60	281	11	200	11922	0	-55.1		0	55	232	5	200	11929	1	-55.4	1	61	243	6	
300	9336	0	-42.3	8.2	0	47	287	8	300	9287	0	-44.8	3.9	0	45	197	5	300	9289	0	-44.0		0	36	225	4
500	5696	0	-17.0	10.5	0	21	208	2	500	5676	0	-18.7	9.6	0	60	181	5	500	5673	0	-18.6	11.2	0	44	180	4
700	3096	0	-2.7	5.9	0	51	190	5	700	3081	0	-2.2	9.4	0	72	176	5	700	3079	0	-2.6	10.7	0	62	174	4
850	1535	0	4.6	4.4	0	63	182	4	850	1516	0	4.9	7.4	0	75	179	4	850	1515	0	4.7	7.8	0	67	173	3
1013	* 706	8.5	4.8					1021	* 2	10.0	4.1					1011	* 92	10.4	4.2							
EUROPE - POLAND LEGIONOWO 5224N 02058E OB 3																										
030	24009	4	-57.3		4	56	285	2	030	23901	28	-58.0		9	70	280	5	030	23913	15	-57.7		9	51	314	3
050	20772	11	-58.0		1	54	272	2	050	20728	17	-57.2		9	60	289	5	050	20708	8	-59.0		8	63	295	3
100	16376	0	-56.9		0	60	256	3	100	16353	17	-56.3		9	70	280	5	100	16351	5	-56.6		5	74	289	7
150	13800	0	-56.0		0	54	266	3	150	13772	4	-56.3		9	60	289	5	150	13803	1	-58.0		1	72	290	10
200	11996	0	-54.4		0	45	269	3	200	11941	0	-54.9		9	50	226	5	200	11983	0	-55.9		0	73	294	15
300	9174	0	-43.5	4.8	0	11	215	1	300	9295	0	-43.2	5.5	1	50	226	5	300	9340	0	-42.9	6.7	0	70	298	8
500	5707	0	-18.0	10.2	0	50	163	4	500	5669	0	-18.0	10.3	0	30	192	3	500	5697	0	-16.9	8.4	0	59	287	8
700	3108	0	-2.1	9.5	0	64	169	4	700	3071	0	-2.5	8.2	0	90	130	5	700	3094	0	-2.3	7.1	0	43	229	3
850	1543	0	5.1	7.0	0	72	166	4	850	1509	0	4.5	5.1	0	70	180	4	850	1528	0	5.2	4.8	0	55	171	4
1013	* 96	11.8	6.8					1006	* 116	8.9	2.3					1005	* 139	12.4	6.3							
EUROPE - HUNGARY SZEGED 4615N 02006E OB 1																										
030	23937	8	-57.2		8	62	324	2	030	23956	0	-56.6		2	37	306	2	030	23863	12	-56.8		9	52	340	3
050	20723	3	-59.5		3	68	316	2	050	20740	0	-58.7		0	50	286	3	050	20671	7	-60.0		7	66	320	3
100	16372	3	-58.4		3	80	298	4	100	16383	0	-58.7		0	80	279	6	100	16342	6	-60.0		6	81	300	8
150	13822	3	-58.0		3	78	296																			

EUROPE – ROMANIA

UPPER AIR

OCTOBER 1987

EUROPE-TURKEY

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEN POINT DEPRESSION °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEN POINT DEPRESSION °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEN POINT DEPRESSION °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	
mb	gpm																										
030	23949	3	-53.4		4	66	260	6	030	23898	15	-57.6	9.8	9	58	299	2	030	23832	8	-58.0	9.6	8	73	318	3	
050	20709	1	-59.2		1	68	270	9	050	20685	11	-58.2	9.4	9	72	287	2	050	20622	8	-59.0	8.8	8	79	323	3	
100	16390	1	-60.0		1	68	260	14	100	16309	10	-56.6	8.5	9	48	264	2	100	16271	8	-57.5	7.9	8	70	315	3	
150	13846	0	-57.8		0	73	270	19	150	13742	9	-55.8	7.4	8	36	269	2	150	13707	8	-57.2	6.8	8	35	314	2	
200	12024	0	-55.1		0	70	270	21	200	11906	9	-55.5	6.8	8	7	297	1	200	11889	8	-56.8	5.9	8	4	218	1	
300	9380	0	-42.9		0	72	260	20	300	9290	10	-46.2	7.1	9	15	159	2	300	9291	8	-47.7	6.2	8	22	141	2	
500	5732	0	-15.5	11.1	0	60	260	12	500	5701	10	-19.7	10.6	9	69	160	4	500	5718	8	-20.4	10.1	8	35	147	2	
700	3109	0	0.8	9.7	0	32	240	7	700	3119	9	-3.4	12.5	8	79	164	5	700	3143	8	-4.4	12.9	8	48	159	3	
850	1517	0	12.6	12.4	0	29	140	4	850	1562	9	3.9	10.6	8	89	165	6	850	1591	8	3.1	12.7	8	67	166	4	
1011	* 20	26.3	16.0					1018	*	75							1004	*	234								
EUROPE - TURKEY ADANA 3659N 03518E OB 2											EUROPE - USSR KAUNAS 5453N 02353E OB 1										EUROPE - USSR MINSK 5352N 02732E OB 1						
030	23845	5	-58.5	8.2	9	64	297	3	030	23856	9	-57.5	9.0	9	22	358	1	030	23860	5	-58.6	9.8	6	76	321	4	
050	20626	3	-58.6	7.6	6	76	285	4	050	20638	9	-57.9	8.7	9	20	342	1	050	20644	1	-59.0	8.9	2	73	331	3	
100	16274	0	-57.7	7.4	2	61	289	4	100	16269	9	-57.0	8.0	9	30	325	2	100	16280	0	-57.3	7.9	0	68	335	3	
150	13714	0	-57.5	7.0	2	50	290	4	150	13697	9	-55.7	7.6	9	29	336	3	150	13714	0	-57.0	6.8	0	56	339	3	
200	11903	0	-58.7	6.7	2	42	299	4	200	11874	8	-55.8	7.2	8	29	13	3	200	11897	0	-57.9	5.6	1	30	357	3	
300	9307	0	-46.7	7.6	3	35	299	4	300	9254	8	-46.8	7.8	8	21	22	2	300	9303	0	-47.5	6.0	0	30	11	3	
500	5724	0	-20.6	12.2	2	35	266	3	500	5687	8	-22.2	12.4	9	43	7	3	500	5729	0	-20.7	12.2	0	15	34	1	
700	3155	0	-4.4	16.1	3	50	253	3	700	3133	8	-6.0	15.4	8	44	352	2	700	3160	0	-4.4	17.7	0	20	163	1	
850	1603	0	2.6	14.6	2	47	236	3	850	1592	8	0.6	12.0	8	50	343	2	850	1612	0	1.6	14.1	0	35	175	2	
1019	* 118	3.7	4.4					1020	*	64							1013	*	156								
EUROPE - USSR VOLOGDA 5917N 03952E OB 1											EUROPE - USSR KAZAN 5547N 04911E OB 1										EUROPE - USSR MOSKVA 5545N 03734E OB 1						
030	23845	5	-58.5	8.2	9	64	297	3	030	23856	9	-57.5	9.0	9	22	358	1	030	23860	5	-58.6	9.8	6	76	321	4	
050	20626	3	-58.6	7.6	6	76	285	4	050	20638	9	-57.9	8.7	9	20	342	1	050	20644	1	-59.0	8.9	2	73	331	3	
100	16274	0	-57.7	7.4	2	61	289	4	100	16269	9	-57.0	8.0	9	30	325	2	100	16280	0	-57.3	7.9	0	68	335	3	
150	13714	0	-57.5	7.0	2	50	290	4	150	13697	9	-55.7	7.6	9	29	336	3	150	13714	0	-57.0	6.8	0	56	339	3	
200	11903	0	-58.7	6.7	2	42	299	4	200	11874	8	-55.8	7.2	8	29	13	3	200	11897	0	-57.9	5.6	1	30	357	3	
300	9307	0	-46.7	7.6	3	35	299	4	300	9254	8	-46.8	7.8	8	21	22	2	300	9303	0	-47.5	6.0	0	30	11	3	
500	5724	0	-20.6	12.2	2	35	266	3	500	5687	8	-22.2	12.4	9	43	7	3	500	5729	0	-20.7	12.2	0	15	34	1	
700	3155	0	-4.4	16.1	3	50	253	3	700	3133	8	-6.0	15.4	8	44	352	2	700	3160	0	-4.4	17.7	0	20	163	1	
850	1603	0	2.6	14.6	2	47	236	3	850	1592	8	0.6	12.0	8	50	343	2	850	1612	0	1.6	14.1	0	35	175	2	
1019	* 118	3.7	4.4					1020	*	64							1013	*	156								
EUROPE - USSR KIEV 5024N 03027E OB 1											EUROPE - USSR L'VOV 4949N 02357E OB 1										EUROPE - USSR ODESSA 4629N 03038E OB 1						
030	23967	2	-57.9		2	59	328	2	030	23981	6	-56.9	7.8	9	40	307	2	030	23980	6	-56.7		7	72	316	3	
050	20755	1	-58.5		2	78	345	2	050	20748	4	-57.4	7.4	7	59	310	2	050	20764	6	-58.6		6	62	327	2	
100	16370	0	-57.0		0	62	323	2	100	16358	1	-56.5	7.1	1	63	306	3	100	16391	6	-57.5		6	79	305	4	
150	13795	0	-56.3		0	47	321	2	150	13784	1	-56.0	6.7	1	58	301	4	150	13812	4	-55.7		4	61	301	4	
200	11963	0	-55.2		0	11	344	1	200	11952	0	-44.1	6.4	0	11	323	1	300	9320	4	-43.8		4	48	295	4	
300	9330	0	-44.6		0	24	115	2	300	9305	0	-18.7	9.4	0	28	149	2	500	5690	21	-18.2	10.3	3	15	93	1	
500	5711	0	-18.4	11.5	0	61	114	4	500	5693	0	-3.1	9.1	0	47	146	2	700	3098	1	-2.7	12.2	2	47	92	2	
700	3124	0	-3.1	14.7	0	67	123	4	700	3103	0	-18.9	13.3	9	57	74	4	500	5685	0	-20.4	12.3	0	35	77	3	
850	1571	0	0.0	10.2	0	73	119	4	850	1541	0	-4.3	15.5	9	65	88	4	700	3109	9	-4.0	15.8	0	64	95	4	
1017	* 156	4.8	6.1					1015	*	152							850	1558	9	8.8	7.2						
EUROPE - USSR SARATOV 5134N 04602E OB 1											EUROPE - USSR HAR'KOV 4956N 03617E OB 1										EUROPE - USSR ROSTOV-NA-DONU 4715N 03949E OB 1						
030	23868	4	-58.0	9.8	4	79	321	4	030	23914	13	-57.9		9	56	328	2	030	23900	0	-56.1	11.1	0	71	309	3	
050	20655	3	-58.7	9.1	3	81	327	3	050	20702	10	-58.8		9	64	342	2	050	20671	0	-58.0	10.4	0	39	336	2	
100	16288	1	-57.7	8.2	3	79	331	3	100	16347	10	-57.1		9	52	348	2	100	16289	0	-56.8	9.4	0	70	314	3	
150	13725	0	-56.8	7.2	1	63	334	3	150	13787	9	-56.4		9	39	6	2	150	13716	0	-56.2	9.3	0	59	306	3	
200	11901	0	-56.4	6.4	0	36	337	3	200	11961	9	-46.9		9	24	33	2	200	11883	0							

ASIA-USSR

UPPER AIR

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ASIA-USSR

UPPER AIR

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UPPER AIR

OCTOBER 1987

LEVEL	TEMPERATURE				VECTOR WIND			LEVEL	TEMPERATURE				VECTOR WIND			LEVEL	TEMPERATURE				VECTOR WIND								
	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
850	23900	14	-56.6	-	4	60	322	4	030	20690	17	-55.1	-	9	80	296	4	050	16400	7	-56.5	-	8	70	291	5			
050	20628	1	-57.3	-	1	51	326	3	050	16225	7	-54.3	-	9	74	300	6	100	13822	1	-55.4	-	2	50	290	5			
100	16213	1	-56.5	-	1	41	324	3	100	13626	5	-53.8	-	5	55	310	6	150	11987	1	-54.0	-	1	36	303	4			
150	13653	1	-56.0	-	1	36	324	3	150	9211	0	-49.0	-	3	200	11781	4	45	322	6	200	9332	0	-42.2	8.8	0	24	309	3
200	11825	1	-56.1	-	1	26	331	3	200	500	5577	0	-43.4	-	0	42	311	6	300	5074	0	-18.5	13.1	0	18	351	2		
300	9211	0	-49.0	-	0	23	345	3	300	700	3126	0	-9.7	8.1	0	54	304	3	700	3126	0	-4.7	15.8	0	30	38	2		
500	5657	1	-23.3	10.0	0	35	353	3	500	850	1532	0	-3.7	4.8	0	48	296	2	850	1583	0	0.5	11.7	0	35	66	2		
700	3112	0	-7.5	11.3	0	59	360	3	700	1019	*	109	-1.1	9.4	0	64	10	3	962	* 555	-	-0.2	3.6	-	1035	* -20	7.1		
850	1584	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1019	*	109	3.9	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
850	23900	1	-55.5	-	1	51	322	4	030	23902	1	-55.5	9.7	1	91	279	7	030	24028	16	-54.6	10.9	9	88	267	4			
050	20657	21	-57.7	-	9	93	265	6	050	20689	0	-58.6	9.0	0	90	280	7	050	20797	16	-59.7	9.3	9	96	268	6			
100	16297	19	-58.8	6.5	9	96	262	10	100	16342	0	-58.3	8.0	0	97	283	10	100	16476	12	-60.5	8.5	9	95	265	12			
150	13750	18	-58.8	5.7	9	99	261	13	150	11941	18	-58.1	7.1	0	91	282	12	150	13928	9	-58.1	8.1	9	96	268	15			
200	11941	18	-58.1	4.7	9	94	262	15	200	9333	17	-44.7	5.1	9	94	255	15	200	12110	9	-54.7	7.8	9	97	267	16			
300	9333	17	-44.7	5.1	9	94	255	15	300	500	5710	0	-18.1	8.2	0	74	272	7	500	5758	9	-40.0	8.2	9	92	265	12		
500	5709	17	-17.5	5.2	9	94	261	9	500	700	3119	0	-2.5	10.8	0	78	271	4	700	3122	9	-14.5	8.6	9	88	263	7		
700	3104	17	-1.0	7.0	9	87	251	4	700	850	1556	0	5.3	9.6	0	22	270	1	850	1540	9	1.5	8.5	9	81	256	3		
850	1531	17	7.1	7.8	9	50	268	1	850	943	*	847	10.6	5.7	9	50	967	* 428	9.7	850	987	*	228	12.5	11.8	9	24	141	1
850	23900	1	-55.5	31.7	8	34	135	2	030	23902	1	-55.5	9.7	1	91	279	7	030	24028	16	-54.6	10.9	9	88	267	4			
050	20712	3	-62.6	27.6	4	52	235	3	050	20727	14	-62.5	-	1	91	279	7	050	20797	16	-59.7	9.3	9	96	268	6			
100	16522	5	-67.4	22.3	7	96	260	19	100	16559	8	-69.9	21.8	-	-	-	-	-	-	-	-	-	-	-	-				
150	14047	4	-61.3	21.5	5	98	259	30	150	12234	3	-54.7	19.0	3	96	255	30	150	12304	8	-54.3	19.5	1	98	257	30			
200	12234	3	-54.7	19.0	3	96	255	30	200	300	9601	7	-36.5	19.9	7	96	255	30	200	12348	10	-54.1	16.9	9	98	259	24		
300	9550	3	-38.2	18.0	3	95	253	22	300	500	5866	7	-10.6	14.9	7	96	255	30	300	9635	10	-35.1	17.3	9	98	259	10		
500	5832	2	-11.1	20.6	2	92	247	13	500	700	3184	7	9.1	13.1	9	97	255	30	500	5872	9	-8.5	19.0	9	92	274	10		
700	3156	2	7.9	19.8	2	93	235	9	700	850	1536	7	22.3	21.3	8	48	183	3	850	1529	9	22.3	21.4	9	40	303	2		
850	1524	2	18.9	16.3	2	42	241	2	850	941	*	776	24.0	16.6	2	907	* 1013	25.5	944	*	17	29.9	12.0	9	1009	*	18		
850	23900	1	-55.5	31.7	8	34	135	2	030	23904	8	-55.7	-	7	87	101	6	030	23873	9	-55.5	32.1	9	88	269	6			
050	20715	8	-63.0	26.5	8	62	113	3	050	20709	5	-63.7	28.3	5	51	106	2	050	20685	3	-64.8	28.0	4	86	103	6			
100	15574	5	-71.8	19.3	6	94	254	13	100	16578	4	-73.2	19.6	4	94	253	12	100	16583	4	-74.4	17.7	4	84	244	9			
150	14138	4	-63.3	19.2	5	97	255	28	150	14147	4	-64.5	19.1	4	97	255	27	150	14175	3	-65.0	17.7	4	96	254	23			
200	12333	5	-53.8	17.7	5	96	255	32	200	300	9649	1	-34.9	17.0	1	97	254	23	200	12378	3	-53.9	17.5	5	96	256	27		
300	9624	5	-35.3	16.3	5	96	252	25	300	500	5883	1	-8.7	19.9	1	89	256	9	500	5873	3	-7.6	23.3	4	93	235	9		
500	5863	5	-9.1	21.9	5	89	236	11	500	700	3190	1	10.4	16.5	1	36	237	2	700	3172	3	11.0	15.5	4	72	180	6		
700	3172	5	10.0	15.1	5	85	206	7	700	850	1537	1	23.4	23.9	2	71	177	5	850	1515	1	23.1	17.9	3	73	175	3		
850	1517	5	24.1	20.3	5	36	213	2	850	941	*	636	31.0	25.4	9	73	* 612	29.0	27.2	9	1006	*	18	30.5	8.6	9	1541	0	
850	23900	1	-55.5	30.0	9	94	97	8	030	23896	0	-55.7	-	1	40	126	2	030	20694	0	-62.4	-	0	67	255	3			
050	20679	9	-65.4	23.9	9	94	213	4	050	20694	0	-69.7	-	0	99	260	20	050	20694	0	-69.7	-	0	99	260	20			
100	16609	6	-77.0	14.2	6	54	245	12	150	14066	0	-62.5	-	0	99	259	34	150	14066	0	-62.5	-	0	99	259	34			
150	14229	6	-66.7	13.3	6	90	245	12	150	200	12265	0	-55.1	-	0	99	258	36	200	12265	0	-55.1	-	0	99	258	36		
200	12437	5	-53.6	14.0	5	90	250	13	200	300	9550	0	-37.5	57.7	0	98	258	15	300	9550	0	-37.5	57.7	0	98	258	15		
300	9703	6	-31.7	18.8	5	85	238	10	300	500	5857	0	-11.0	27.1	0	93	259	14	500	5857	0	-11.0	27.1	0	93	259	14		
500	5891	4	-6.1	22.1	4	48	168	3	500	700	3179	0	8.8	7.8	0	94	254	10	700	3179	0	8.8	7.8	0	94	254	10		
700	3178	4	11.8	15.2	5	73	115	4	700	850	1538	0	20.9	0.5	0	47	237	4	850	1541	0	13.8	14.7	0	886	* 1191			
798	* 2054	21.3	17.4	5	73	115	4	700	1006	* 55	28.6	11.5	0	47	237	4	850	1541	0	17.5	13.5	0							
850	23900	1	-55.5	30.0	9	94	97	8	030	23896	0	-55.7	-	1	40	126	2	030	20694	0	-62.4	-	0	67	255	3			
050	20679	9	-65.4	23.9	9	94	213	4	050	20694	0	-69.7	-	0	99	260	20	050	20694	0	-69.7	-	0						

ASIA—AFGHANISTAN

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND												
PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DEPRESSION	MISSING	DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DEPRESSION	MISSING	DAYS	STEADINESS	DIRECTION	SPEED								
mb	gpm			°C	°C	%		°	mps	mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps			
ASIA - AFGHANISTAN KABUL AIRPORT 3433N 06913E OB 3																																	
ASIA - UNITED ARAB EMIRATES ABU DHABI INT. AIRPORT 2426N 05439E OB 3																																	
030	23937	14	-54.3	10.7	9	86	272	6	030	23950	9	-64.7				030	23950	9	-59.7					030	23950	9	-59.7						
050	20706	12	-60.4	9.4	9	89	274	8	050	20740	9	-63.1				050	20740	9	-54.7					050	20740	9	-54.7						
100	16459	6	-63.7	8.3	7	96	272	23	100	16614	3	-74.4				100	16614	3	-39.7					100	16614	3	-39.7						
150	13943	4	-59.6	8.3	6	97	274	32	150	14202	0	-64.5				150	14202	0	-13.3					150	14202	0	-13.3						
200	12129	4	-55.4	8.3	5	94	274	32	200	12400	0	-53.0				200	12400	0	8.8					200	12400	0	8.8						
300	9564	4	-39.3	10.9	4	83	276	20	300	9673	0	-33.3	16.4			300	9673	0	22.0	21.5	0	29	300	9673	0	22.0	21.5	0					
500	5779	4	-13.9	9.4	4	67	276	10	500	5883	0	-6.3	21.6	0	85	500	5883	0	-12.5	11.8	2	77	500	5883	0	-12.5	11.8	2					
700	3124	4	6.4	16.1	7	25	244	1	700	3173	0	10.0	17.8	0	38	700	3173	0	5.8	13.0	2	64	700	3173	0	5.8	13.0	2					
822	*1791		13.4	14.6					850	1527	0	22.0	21.5	0	29	850	1527	0	16.8	12.5	2	26	850	1527	0	16.8	12.5	2					
									1008	*	27					970	*	360						970	*	360							
ASIA - PAKISTAN SARGODHA 3203N 07240E OB 1																																	
030									030							030																	
050									050							050																	
100									100							100																	
150									150							150																	
200	12108	11	-55.1			6	89	265	20	200	12388	1	-52.1	19.8	1	91	200	12388	1	-37.7					200	12388	1	-37.7					
300	9457	4	-41.5			6	77	268	9	300	9651	1	-32.5	23.1	1	93	300	9651	1	-12.5	8.8	9	59	300	9651	1	-12.5	8.8	9				
500	5775	1	-12.7			1	72	278	5.	500	5854	1	-5.7	28.2	1	78	500	5854	1	5.0	7.3	9	30	500	5854	1	5.0	7.3	9				
700	3117	0	6.2	15.4	0	0	72	278	5.	700	3145	1	10.0	22.3	1	17	700	3145	1	12.0	4.6			700	3145	1	12.0	4.6					
850	1493	0	18.0	15.5	0	27	323	1	850	1501	1	22.4	20.7	1	55	850	1501	1	18.4	14.9	2	73	850	1501	1	18.4	14.9	2					
998	* 188		21.8	6.7					998	*	22					998	*	22						998	*	22							
ASIA - INDIA NEW DELHI/SAFDARJUNG 2835N 07712E OB 3																																	
030	23904	9	-52.4			9	62	91	5	030	24315	9	-48.5			9	030	24315	9	-59.7				030	24315	9	-59.7						
050	20652	5	-60.6			7	15	343	1	050	20854	5	-58.1			9	050	20854	5	-72.5				050	20854	5	-72.5						
100	16495	0	-72.3			2	82	267	15	100	16661	0	-70.6			9	100	16661	0	-64.5				100	16661	0	-64.5						
150	14076	0	-64.2			0	99	266	35	150	14220	0	-62.1			5	150	14220	0	-51.9				150	14220	0	-51.9						
200	12295	0	-53.1			0	93	266	35	200	12407	0	-52.7			2	200	12407	0	-32.1				200	12407	0	-32.1						
300	9553	0	-35.1			0	93	267	27	300	9640	0	-31.1			0	300	9640	0	-7.1				300	9640	0	-7.1						
500	5797	0	-9.8			0	66	278	12	500	5832	0	-7.1	15.8	0	95	500	5832	0	8.8				500	5832	0	8.8						
700	3124	0	6.6	14.6	0	79	309	6	700	3141	0	8.4	15.8	0	45	700	3141	0	7.6	6.1	3	79	700	3141	0	7.6	6.1	3					
850	1495	0	19.3	16.8	0	59	301	3	850	1502	0	22.4	25.2	0	69	850	1502	0	18.4	14.9	2	73	850	1502	0	18.4	14.9	2					
998	* 216		27.1	16.6					998	*	224					998	*	224						998	*	224							
ASIA - INDIA GAUHATI 2606N 09135E OB 3																																	
030									030							030																	
050									050							050																	
100	16555	9	-74.5						100							100																	
150	14167	4	-66.0			7	95	265	23	150	14360	9	-65.2			9	150	14360	9	-65.8				150	14360	9	-65.8						
200	12375	1	-52.3			3	89	261	21	200	12554	5	-50.4			5	200	12554	5	-30.0				200	12554	5	-30.0						
300	9629	0	-32.4			1	94	263	13	300	9776	4	-28.6			5	300	9776	4	-4.7				300	9776	4	-4.7						
500	5823	0	-6.8			67	249	3	500	5900	4	-2.3			5	500	5900	4	9.7	11.8	0	44	500	5900	4	9.7	11.8	0					
700	3129	0	6.6	10.9	0	90	273	11	700	3178	2	10.2	15.0	3	31	700	3178	2	24.2	20.6	2	51	700	3178	2	24.2	20.6	2					
850	1503	0	17.0	7.4	0	67	249	3	850	1515	2	24.2	20.6	2	51	850	1515	2	31.3	14.0	2	51	850	1515	2	31.3	14.0	2					
1000	* 54		25.3	2.6					1000	*	55					1000	*	55						1000	*	55							
ASIA - INDIA NAGPUR SONEGAON 2106N 07903E OB 3																																	
030									030							030																	
050									050							050																	
100	16699	4	-76.2			9	84	245	11	100	16635	1	-60.2			9	100	16635	1	-79.0				100	16635	1	-79.0						
150	14324	1	-64.4			7	84	265	12	150	14262	0	-66.7			0	150	14262	0	-68.9				150	14262	0	-68.9						
200	12501	0	-50.7			7	84	265	12	200	12468	0	-52.7			0	200	12468	0	-54.6				200	12468	0	-54.6						
300	9714	0	-28.1	10.2	5	78	273	11	300	9715	0	-30.2	8.6	0	78	300	9715	0	96.6	1	-31.1	10.1	1	63	300	9715	0	96.6	1	-31.1	10.1	1	
500	5864	0	-4.0	10.8	4	34	287	2	500	5866	0	-3.7	13.6	0	45	500	5866	0	500	5866	0	500	5866	0	500	5866	0	500	5866	0	500	5866	0
700	3146	0	9.0	15.7	1																												

ASIA-INDIA

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	%	STEADNESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	%	STEADNESS	DIRECTION	SPEED				
mb	gpm			°C	°C			%		°	mps	mb	gpm			°C	°C			%		°	mps				
ASIA - INDIA HYDERABAD AIRPORT 1727N 07828E OB 3												ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 1742N 08318E OB 3												ASIA - INDIA GOA/PANJIM 1529N 07349E OB 3			
030	20857	1	-58.6		2	90	90	9	5	030		030	16626	8	-78.3			7	56	180	5						
050	16710	1	-77.8		1	74	122	5	100			050	14264	5	-69.3			3	50	155	3						
100	14333	0	-65.9		0	45	195	3	150	14321	4	-66.9	6	57	210												
150	12518	0	-50.6		0	46	238	3	200	12514	2	-51.5	4	30	250	3	200	12479	3	-53.3	3	50	155	3			
200	9737	0	-28.4	7.8	0	26	279	2	300	9739	1	-28.1	9.1	2	44	263	3	300	9706	2	-28.2	10.3	3	15	95	1	
300	5877	0	-4.1	8.5	0	31	107	2	500	5871	0	-3.9	8.7	0	28	140	2	500	5841	2	-3.6	10.6	3	42	45	2	
500	3157	0	9.7	9.5	0	29	92	2	700	3134	0	10.6	9.5	0	35	122	2	700	3127	1	9.6	9.4	1	29	80	2	
700	1520	0	19.2	7.7	0	51	87	3	850	1488	0	18.4	6.2	0	40	65	2	850	1489	1	18.9	8.2	1	62	115	2	
950	* 545		28.8	9.6					1000	* 66		27.6	3.9														
ASIA - INDIA MADRAS/MINAMBAKKAM 1300N 08011E OB 3												ASIA - INDIA PANAMBUR 1257N 07450E OB 3												ASIA - INDIA PORT BLAIR 1140N 09243E OB 3			
030	24270	11	-47.4		8	82	91	8	030	24020	22	-54.3						030									
050	20937	4	-57.2		2	90	106	10	100	20790	14	-58.9						050	20778	11	-55.8		9	37	104	4	
100	16761	0	-77.7		2	90	106	10	150	16646	5	-79.3	6	85	111	6	100	16587	7	-78.9		7	49	94	12		
150	14386	0	-65.3		2	87	103	8	200	14311	1	-68.6	1	87	117	9	150	14232	2	-69.8		2	83	99	8		
200	12569	0	-50.0		0	71	104	5	200	12521	1	-52.0	1	79	111	7	200	12496	1	-54.0		1	44	110	4		
300	9782	0	-27.3		0	64	85	3	300	9145	0	-28.1	8.7	0	75	99	5	300	9749	0	-28.7		0	59	109	4	
500	5898	0	-2.1	12.8	0	40	67	2	500	5868	0	-3.2	8.7	0	42	83	2	500	5882	0	-3.7	11.3	0	61	109	4	
700	3152	0	12.3	7.9	0	26	74	1	700	3137	0	10.8	10.5	0	24	109	1	700	3147	0	10.1	3.7	0	59	123	3	
850	1498	0	21.4	5.0	0	35	53	2	850	1492	0	19.7	5.9	0	27	111	2	850	1504	0	18.4	4.7	0	29	115	2	
1000	* 16		27.5	2.6					1000	* 31		27.1	3.2					1000	* 79		25.9	1.9					
ASIA - INDIA COCHIN/WILLINGDON 0957N 07616E OB 3												ASIA - INDIA MINICOY 0818N 07309E OB 3												ASIA - INDIA TRIVANDRUM 0829N 07657E OB 3			
030									030									030	24166	6	-48.6		7	73	275	5	
050									050									050	20849	0	-57.0		0	10	200	1	
100	16569	11	-77.9						100									100	16696	0	-77.6		0	87	100	10	
150	14260	1	-70.0						150	14374	5	-64.9						150	14335	0	-67.3		0	96	99	14	
200	12489	0	-53.8						200	12572	0	-50.0	6	50	108	7	200	12536	0	-51.1		0	94	107	11		
300	9728	0	-29.1		0	0	300		300	9753	0	-27.3	9.6	3	61	99	4	300	9757	0	-27.9	10.0	0	80	98	5	
500	5869	0	-3.1	0.9			500		500	5870	0	-3.5	8.7	1	10	96	1	500	5861	0	-2.7	8.3	0	14	133	1	
700	3136	0	10.7	8.4			700		700	3144	0	10.6	7.7	0	29	245	1	700	3141	0	11.0	7.7	0	13	275	1	
850	1493	0	19.4	4.4			850		850	1497	0	19.1	4.4	0	46	249	2	850	1494	0	19.2	5.6	0	23	272	1	
1000	* 3		27.6	3.3					1000	* 2		26.7	1.9					1000	* 64		26.5	4.2					
ASIA - HONG KONG KING'S PARK 2219N 11410E OB 1												ASIA - DPR KOREA PYONGYANG 3902N 12547E OB 1												ASIA - REPUBLIC OF KOREA POHANG 3602N 12923E OB 3			
030	23932	7	-54.9	31.3	2	96	90	10	030									030	23994	9	-53.0		9	21	114	2	
050	20736	2	-64.3	28.3	0	96	91	9	050	20650	7	-58.7					050	20730	9	-57		3	57	246	5		
100	16661	1	78.3	15.8	0	27	171	2	100	16476	14	-66.5					100	16476	7	-92		7	92	265	38		
150	14280	1	-65.4	16.4	0	56	276	5	150	13996	4	-60.1					150	13996	2	-53.5		7	92	259	40		
200	12473	1	-51.8	18.5	0	72	287	7	200	12054	3	-54.4	7.0	8	90	270	9	200	9476	0	-37.7	8.5	3	91	255	31	
300	9719	0	-30.3	20.6	0	76	286	7	300	9370	1	-41.2	9.0	0	93	270	7	300	5767	0	-12.5	13.7	3	87	265	18	
500	5887	0	-4.6	19.0	0	68	291	5	500	5700	0	-16.1	0	10	10	285	5	500	3121	0	3.2	14.9	3	79	276	9	
700	3167	0	9.9	9.5	0	33	305	2	700	3088	0	-0.9	11.8	0	10	67	290	2	850	1528	0	8.4	9.8	3	30	294	3
850	1530	0	16.7	4.1	0	53	67	3	850	1515	0	6.4	9.2	0	67	290	2	850	1519	0	16.4	5.9					
1000	* 66		24.6	3.7					1015	* 38		12.0	3.6					1019	* 6		16.4	5.9					
ASIA - JAPAN WAKKANAI 4525N 14141E OB 2												ASIA - JAPAN SAPPORO 4303N 14120E OB 2												ASIA - JAPAN NEMURO 4320N 14535E OB 2			
030	23910	3	-51.7		6	88	272	10	030	23929	5	-52.0		9	54	293	3	030	23930	8	59	280	4				
050	20627	0	-55.3		2	95	262	14	050	20654	1	-56.6	7	90	264	9	050	20657	3	56.6		3	95	265	12		
100	16222	0	-56.8		0	96	261	30	100	16292	0	-59.6	6	97	258	29	100	16295	0	-59.6		1	97	265	30		
150	13642	0	-54.4		0	96	262	38	150	13741	0	-56.0	5	96	259	39	150	13744	0	-56.5		1	97	263	42		
200	11791	0	-52.8		0	95	261	42	200	11900	0	-52.9	5	96	258	43	200	11906	0	-52.9		1	95	262	48		
300	9135	0	-44.0		0	92	265	37	300	9236	0	-4															

ASIA-JAPAN

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND														
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED														
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps														
ASIA - JAPAN AKITA 3943N 14006E OB 2																																								
ASIA - JAPAN SENDAI 3816N 14054E OB 2																																								
030	23953	3	-53.4		3	58	323	3	030	23948	1	-54.1		2	94	266	7	030	23960	4	-53.7		5	54	349	2														
050	20706	1	-58.4		3	92	269	9	050	20711	1	-59.5		1	97	262	28	050	20719	2	-59.5		3	91	261	7														
100	16411	0	-63.1		0	97	262	30	100	16459	0	-65.3		1	96	262	41	100	16474	0	-66.3		0	97	258	28														
150	13902	0	-59.3		0	97	261	44	150	13969	0	-60.2		1	96	259	45	150	13985	0	-60.1		0	96	261	40														
200	12078	0	-53.4		0	96	258	47	200	12150	0	-53.6		1	95	258	38	200	12166	0	-53.4		0	96	258	44														
300	9390	0	-38.6		0	96	261	40	300	9454	0	-37.3	10.5	0	95	258	22	300	9468	0	-37.5	9.4	0	95	260	34														
500	5704	0	-14.3	17.6	0	94	264	23	500	5744	0	-12.5	18.0	0	94	259	22	500	5753	0	-12.6	17.4	0	91	264	21														
700	3080	0	0.3	18.0	0	90	268	14	700	3099	0	2.4	21.0	0	95	268	12	700	3108	0	2.3	21.3	0	81	262	9														
850	1504	0	6.8	13.5	0	84	262	8	850	1513	0	8.3	10.9	0	69	266	7	850	1519	0	9.5	12.4	0	59	257	5														
1017	*	10	13.0	4.2					1013	*	43							1017	*	6																				
ASIA - JAPAN TATENO 3603N 14008E OB 2																																								
ASIA - JAPAN HACHIJOJIMA/OMURE 3307N 13947E OB 2																																								
030	23948	2	-54.5		3	57	354	2	030	23964	6	-54.3		7	83	48	4	030	23978	2	-53.4		4	28	350	1														
050	20724	2	-61.0		2	82	268	5	050	20744	4	-62.2		5	40	304	2	050	20744	1	-60.2		1	90	264	6														
100	16521	0	-68.6		0	97	260	26	100	16587	0	-72.3		0	95	259	20	100	16592	0	-68.0		1	98	260	24														
150	14058	0	-61.7		0	96	258	38	150	14157	0	-62.7		0	96	259	31	150	14053	0	-60.5		0	95	259	35														
200	12245	0	-53.2		0	95	257	41	200	12342	0	-52.2		0	95	256	32	200	12233	0	-53.1		0	94	256	37														
300	9533	0	-35.4	11.5	0	96	256	34	300	9613	0	-33.2	13.1	0	93	253	28	300	9523	0	-35.9	10.3	0	93	258	30														
500	5793	0	-10.5	18.0	0	93	258	18	500	5835	0	-8.2	19.2	0	83	253	15	500	5788	0	-10.6	17.6	0	84	259	16														
700	3127	0	4.6	21.0	0	75	260	8	700	3147	0	6.8	17.1	0	56	242	7	700	3126	0	4.2	19.2	0	63	276	7														
850	1527	0	10.7	8.7	0	26	259	2	850	1530	0	13.7	9.9	0	24	210	2	850	1528	0	10.1	11.3	0	34	282	3														
1015	*	31	15.8	2.2					999	*	153							1018	*	8																				
ASIA - JAPAN SHIONOMISAKI 3327N 13546E OB 2																																								
ASIA - JAPAN FUKUOKA 3335N 13023E OB 2																																								
030	23978	6	-54.2		7	83	50	4	030	23971	0	-54.1		0	65	78	3	030	23980	4	-54.1		6	95	75	6														
050	20761	4	-61.3		5	47	292	3	050	20749	0	-61.2		0	54	276	3	050	20760	0	-61.9		1	86	18	1														
100	16585	0	-70.6		0	96	258	22	100	16554	0	-70.1		0	97	258	23	100	16592	0	-71.9		0	96	256	18														
150	14143	0	-61.7		0	97	257	33	150	14100	0	-61.1		0	98	260	36	150	14158	0	-62.3		1	97	257	28														
200	12322	0	-52.3		0	93	257	34	200	12279	0	-52.7		0	95	257	37	200	12340	0	-51.9		0	93	258	29														
300	9596	0	-33.9	11.5	0	94	256	29	300	9564	0	-35.2	10.6	0	92	255	29	300	9611	0	-33.8	12.5	0	94	257	25														
500	5828	0	-8.5	17.4	0	80	251	15	500	5811	0	-9.8	17.1	0	89	264	15	500	5834	0	-8.2	15.7	0	85	261	12														
700	3139	0	6.9	18.7	0	39	250	5	700	3137	0	5.3	17.0	0	10	286	6	700	3145	0	7.1	16.0	0	42	287	4														
850	1526	0	12.7	8.5	0	16	79	2	850	1529	0	11.8	11.1	0	10	320	1	850	1526	0	13.9	7.7	0	27	47	2														
1008	*	75	19.9	4.0					1016	*	14							983	*	283																				
ASIA - JAPAN NAZE/FUNCHATOGE 2823N 12933E OB 2																																								
ASIA - JAPAN ISHIGAKIJIMA 2420N 12410E OB 2																																								
030	23956	9	-54.8		9	99	88	7	030	23958	4	-54.8		5	98	90	9	030	23941	1	-55.9		5	98	87	9														
050	20755	3	-62.8		5	71	89	4	050	20759	1	-63.3		2	90	88	8	050	20749	0	-63.7		0	86	86	6														
100	16640	0	-75.0		0	90	250	11	100	16677	0	-76.9		0	55	203	4	100	16660	0	-76.3		0	76	235	7														
150	14232	0	-63.5		0	95	254	17	150	14280	0	-64.0		0	67	255																								

ASIA-THAILAND

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps
ASIA - THAILAND																										
030	20684	9	-64.7		9	100	95	11	030	23880	9	-54.3		5	90	95	9	030	23896	5	-54.2		5	85	280	6
050	16630	7	-81.1		9	98	100	10	050	20676	2	-63.6		1	98	100	13	050	20670	3	-62.3		3	49	275	3
100	14273	2	-67.7		2	60	80	5	150	14256	0	-66.9		0	68	85	6	150	14250	0	-67.9		0	84	85	9
150	11483	1	-52.8		1	46	45	3	200	12460	0	-52.8		0	29	65	2	200	12457	0	-52.9		0	76	70	7
200	9726	1	-29.6	15.0	1	62	90	3	300	9707	0	-30.6	10.2	0	63	105	4	300	9702	0	-29.9	13.0	0	68	80	4
300	5891	1	-4.9	10.6	1	72	130	4	500	5882	0	-5.5	7.5	0	76	115	4	500	5869	0	-5.2	8.4	0	68	95	4
500	3165	1	10.3	7.3	1	66	105	3	700	3163	0	9.6	6.0	0	76	100	4	700	3148	0	9.9	5.0	0	45	110	2
700	1521	1	18.6	2.6	1	67	100	2	850	1523	0	18.2	3.1	0	80	110	4	850	1506	0	18.2	3.1	0	29	105	1
850	998 *	127		24.3	1.3				1012	* 20		25.7	1.2					1010	*	5	24.8	1.0				
ASIA - VIET NAM																										
030	16710	8	-75.3	6.6					030	14314	0	-63.2	7.4	7	67	273	4	030	14300	0	-60.0	100	1	52	265	4
050	14324	1	-50.1	7.5	9	54	273	24	150	12496	0	-49.5	7.8	7	67	273	4	150	12480	0	-49.5	100	1	52	265	4
100	12490	0	-49.3	7.7	8	61	266	4	200	9722	0	-29.4	9.1	0	300	862	4	200	860	0	-29.4	100	1	52	265	4
150	9717	1	-29.6	9.2	2	60	256	3	300	5878	0	-4.3	11.4	4	86	262	3	300	5850	0	-4.3	100	1	52	265	4
200	3155	0	9.4	4.9	3	57	260	2	700	3149	0	9.3	5.9	4	60	256	2	700	3131	0	9.3	5.9	4	80	265	3
300	1518	0	16.6	2.0	2	14	129	1	850	1507	0	17.9	3.7	1	50	203	1	850	1501	0	17.9	3.7	1	80	265	3
400	1012 *	6	23.5	1.3					1010	* 7		26.5	4.1					1010	*	19	25.4	1.2				
ASIA - CHINA																										
030	4913N	11945E	OB 1						030	4347N	14370E	OB 1														
050	20682								030	23871	0	-54.0	7.8	0	100	264	8	030	23945	4	-54.0		7	52	253	2
100	16095	1	-54.4	7.6	5	100	262	12	100	16253	0	-58.3	7.6	0	100	272	9	050	20710	2	-60.0		4	97	264	5
150	13490	1	-53.7	7.1	3	100	271	14	150	13696	0	-57.4	7.5	0	96	269	14	150	13547	1	-64.2	6.2	2	95	269	12
200	11504	0	-60.3	3	9	94	280	15	200	11884	0	-58.1	7.0	0	97	267	15	200	12123	1	-58.8	8.0	1	98	265	19
300	9353	1	-48.3	6.7	3	96	283	12	300	9269	0	-45.2	6.8	0	93	266	14	300	9455	0	-40.7	8.4	0	94	271	12
500	5474	0	-24.6	8.5	1	88	294	8	500	5661	0	-19.8	6.9	0	89	277	8	500	5766	0	-12.4	9.6	0	86	276	5
700	2954	0	-10.8	7.5	1	85	300	6	700	3088	0	-5.5	8.1	0	50	318	2	700	3114	0	-2.0	7.4	0	43	187	1
850	1442	0	-4.2	6.4	3	67	292	3	850	1544	0	0.9	5.4	1	60	12	2	850	1518	14	5.1	9	0	45	0	0
915	* 611																									
ASIA - CHINA																										
030	3956N	11617E	OB 1						030	2501N	10241E	OB 1														
050	23942	1	-52.0	6	91	264	4	030	23935	7	-57.1		9	91	89	5	030	23994	1	-55.7		3	86	80	3	
100	20672	0	-57.5	1	97	266	6	050	20767	5	-65.4		7	83	97	3	050	20789	1	-62.6		1	25	182	1	
150	16350	0	-60.9	8.7	1	99	266	14	100	16697	3	-76.1		6	92	257	6	100	16638	1	-70.8		1	95	260	10
200	13810	0	-57.6	8.7	1	98	267	18	150	14286	3	-63.0		5	89	261	9	150	14181	0	-61.0	8.7	0	97	263	16
300	11987	0	-55.7	8.3	1	97	265	18	200	12461	2	-50.5	9.6	5	91	259	10	200	12349	0	-50.7	9.3	0	94	263	18
500	9344	0	-43.2	8.4	1	93	267	13	300	9703	2	-31.1	11.2	5	90	262	10	300	9612	0	-34.2	9.4	0	93	263	13
700	5702	0	-16.6	11.0	0	92	276	8	500	5879	0	-4.8	12.8	6	93	268	7	500	5837	0	-8.8	13.8	0	86	253	6
850	3095	0	-1.4	9.1	0	79	275	5	700	3161	0	7.8	2.9	4	89	264	4	700	3152	0	5.9	12.4	0	57	249	2
1015	* 55																									
ASIA - CHINA																										
030	2502N	12131E	OB 3						030	2308N	11319E	OB 1														
050	23973	24	-54.5		9	83	95	9	050	23942	6	-57.2		9	100	85	6	050	20760	0	-54.9		0	42	120	2
100	20767	14	-62.5		9	83	95	9	050	20781	2	-65.6		3	100	91	4	050	20760	0	-58.5		0	54	225	3
150	16658	1	-76.5		4	61	239	4	100	16724	0	-76.6		0	43	244	2	100	16470	0	-64.8		0	80	295	13
200	14265	0	-64.7		0	84	260	11	150	14318	0	-63.5		0	67	270	4	150	14020	0	-62.6		0	74	300	18
300	9708	0	-30.9	11.6	0	81	274	11	300	9736	0	-30.3	11.2	0	83	277	5	300	9510	0	-38.2	13.9	0	72	295	16
500	5883	0	-5.3	11.5	0	71	260	7	500	5897	0	-4.4	11.3	0	78	274	4	500	5790	0	-11.0	19.5	0	75	300	11
700	3168	0	9.0	7.7	0	24	253	2	700	3173	0	9.4	4.7	0	50	264	2	700	3125	0	4.4	18.2	0	64	305	7
850	1533	0	16.8	4.9	0	52	77	3	850	1536	0	16.7	2.8	0	40	120	1	850	1527	0	9.5	4.8	0	52	310	3
1013	* 9		24.2	2.9					1015	* 8		22.8	2.9					1011	* 56		20.6	6.8	</td			

AFRICA-CAPE VERDE

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps	
mb	gpm								mb	gpm							mb	gpm									
AFRICA - CAPE VERDE SAL 1644N 02257W OB 2									AFRICA - MOROCCO CASABLANCA 3334N 00740W OB 2								AFRICA - ALGERIA DAR-EL-BEIDA 3643N 00315E OB 3										
030									030								030										
050									050								050										
100									100	16401	12	-63.3					100	16426	11	-62.4							
150									150	13911	4	-62.3					150	13939	0	-61.7							
200									200	12121	3	-57.4					200	12147	0	-57.7							
300									300	9461	1	-39.4					300	9485	0	-39.5							
500	5873	0	-6.7	12.6	0				500	5767	1	-12.1	13.9	2	78	247	11	500	5795	0	-12.8	13.6	0	83	240	13	
700	3173	0	8.2	12.9	0		60	120	4	700	3115	3	3.6	14.7	2	63	236	6	700	3147	0	4.1	12.2	0	86	240	10
850	1535	0	18.1	13.8	0		85	90	6	850	1518	1	11.5	9.2	1	53	284	3	850	1538	0	15.1	13.2	0	76	230	8
1010 *	55		26.8	5.6					1011 *	62		21.9	8.2				1013 *	25		23.6	8.9						
AFRICA - ALGERIA BECHAR 3137N 00214W OB 3									AFRICA - ALGERIA IN SALAH 2712N 00228E OB 2								AFRICA - ALGERIA TAMANRASSET 2247N 00531E OB 2										
030									030	23935	8	-56.2					030	23907									
050									050	20741	4	-58.7					050	20753	3	-63.8							
100	16422	9	-64.4						100	16531	2	-67.2					100	16559	1	-70.0							
150	13956	1	-63.5						150	14070	0	-64.1					150	14125	0	-64.4							
200	12175	1	-58.6						200	12284	0	-58.1					200	12333	0	-56.4							
300	9928	1	-39.4						300	9914	0	-37.6	15.2	0	56	270	8	300	9963	0	-36.0	15.0	0	83	260	13	
500	5816	1	-11.3	22.0	2		77	240	10	500	5882	0	-10.2	17.7	0	61	260	6	500	5893	0	-8.8	23.3	0	53	350	2
700	3154	1	5.5	15.6	1		75	230	8	700	3205	0	8.3	17.3	0	50	250	4	700	3209	0	9.4	18.5	0	45	110	2
850	1536	1	17.6	18.7	1		61	200	5	850	1568	0	20.9	21.4	0	30	150	2	850	1564	0	24.1	25.7	0	68	140	3
925 *	773		23.1	20.2					983 *	293		27.9	18.8				868 *	1378		27.3	26.2						
AFRICA - NIGER NIAMEY-AERO 1329N 00210E OB 3									AFRICA - MALI BAMAKO/SENOU 1232N 00757W OB 3								AFRICA - MAURITANIA NOUADHIBOU 2056N 01702W OB 2										
030									030								030										
050	20719	20	-64.2						050								050	20796	6	-64.0							
100	16642	10	-76.1						100	16630	0	-76.0					100	16597	5	-71.0							
150									150	14246	0	-61.7					150	14153	5	-64.7							
200	12058	10	-54.7						200	12448	0	-53.9					200	12366	5	-55.7							
300	9721	10	-31.3	12.3	9		41	260	9	300	9719	0	-30.4	10.8	9	75	210	5	300	9664	5	-32.9	15.4	5	60	266	9
500	5901	10	-5.4	12.2	9		11	70	1	500	5901	0	-5.7	11.8	7	42	160	3	500	5889	5	-7.7	18.8	5	29	226	2
700	3187	10	9.5	13.0	9		43	80	6	700	3191	0	9.6	9.2	3	82	100	5	700	3195	5	9.4	16.8	7	71	217	5
850	1538	10	23.0	18.0	9		38	80	4	850	1540	0	21.6	10.0	2	75	100	2	850	1553	5	20.6	18.0	7	24	181	2
986 *	227		31.6	17.2					970 *	381		27.6	5.9				1015 *	3		23.5	4.9						
AFRICA - SENEGAL DAKAR/YOFF 1444N 01730W OB 3									AFRICA - UNITED KINGDOM (OCEAN IS.) ST. HELENA IS. 1556S 00540W OB 2								AFRICA - USA (OCEAN ISLANDS) WIDE AWAKE FIELD (ASCEN. IS.) 07585 01424W OB 2										
030	23950	12	-53.9						030	23879	4	-56.5					030	20768	17	-58.8							
050	20740	7	-63.9						050	20679	0	-63.5					050	16638	15	-77.1							
100	16630	3	-74.2						100	16581	0	-75.0					100	14250	15	-65.1							
150	14250	1	-66.8						150	14178	0	-65.1					150	12448	15	-52.8							
200	12460	0	-53.6						200	12382	0	-54.4					200	9709	14	-31.7							
300	9720	0	-31.7	14.6	3		87	269	13	300	9671	0	-34.0	22.5	0	74	255	9	300	5889	14	-4.5					
500	5908	0	-5.7	15.8	3		9	145	1	500	5882	0	-6.0	35.3	0	21	333	2	500	3171	14	9.2					
700	3195	0	9.9	10.1	3		88	105	8	700	3173	0	9.8	27.1	0	38	25	3	700	2862	14	17.6	15.8	0	90	264	7
850	1544	0	22.3	13.7	3		82	82	5	850	1536	0	17.3	22.9	0	51	116	3	850	1340	14	2.8	5.4	0	89	264	31
1010 *	24		29.0	5.8					968 *	436		17.4	4.1				1007 *	79		14.2	4.4						
AFRICA - USA (OCEAN ISLANDS) DIEGO GARCIA 0721S 07229E OB 1									AFRICA - FRANCE (OCEAN ISLANDS) MARTIN DE VIVIES/ILE AMST. I 3748S 07732E OB 2								AFRICA - FRANCE PORT-AUX-FRANCAIS(ILES KER.) 4921S 07015E OB 2										
030									030	24242	26	-61.6					030										
050									050	20752	15	-55.0					050	16004	4	-53.1							
100									100	16630	1	-57.1					100	13394	2	-54.0							
150	14294	7	-65.5						150	13820	0	-54.8					150	11558	1	-55.7							
200	12495	6	-51.6						200	11944	0	-55.7					200	8945	1	-47.2							
300	9728	5	-29.3	8.0	9		13	56	1	300	9313	0	-43.2	10.9	1	84	269	38	300	5402	1	-24.2	11.8	0	90	259	53
500	5878	3	-4.3	5.2	6		44	339	6	500	5682	0	-17.6	11.4	0	81	276	29	500	2862	0	-8.8	12.7	0	90	261	42
700	3143	2	10.6	4.4	6		37	78	2	700	3080	0	-1.9	13.1	0	84	278	23	700	1340	0	-2.8	5.4	0	89	264	31
850	1496	3	18.2	2.0	6		40	103	3	850	1515	0	4.5	7.6	0	77	283	17	850	1000	2	6.1	6.5				
1008 *	2		26.1	1.0					1015 *	29		14.2	4.4														

AFRICA - EGYPT

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND		LEVEL		TEMPERATURE			VECTOR WIND		LEVEL		TEMPERATURE			VECTOR WIND												
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
mb	gpm	%	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps			
AFRICA - EGYPT HELWAN 2952N 03120E 0B 2																															
030	20920	9	-55.9					030	050	16664	10	-76.7		9	39	250	20	100	16603	19	-65.7		9	100	10	6					
050	16592	0	-60.7					100	14259	7	-67.2		9	95	262	19	150	14233	19	-77.8		1	33	85	2						
100	14048	0	-57.3	8.4				200	12471	3	-53.2		9	76	360	3	200	12439	2	-66.8		2	90	170	7						
150	14048	0	-57.3	8.4				300	9733	2	-30.3	14.1	7	75	244	9	300	9699	2	-52.4	18.5	2	80	165	8						
200	12213	0	-53.3	9.2	1	89	270	17	500	5905	1	-5.5	10.9	2	50	253	3	500	5883	1	-31.3	22.1	1	80	120	5					
300	9523	0	-38.2	10.6	1	89	275	10	500	3181	1	12.7	9.8	1	11	360	0	700	3166	1	11.4	7.3	1	50	25	2					
500	5807	0	-11.0	13.9	0	86	300	6	700	3181	1	26.5	14.5	1	43	90	1	773	*2325	1	22.6	13.8									
700	3132	0	6.1	15.9	0	79	355	4	850	1511	1	43	90	1	773	*2325															
850	1521	0	12.6	9.1	0	64			966	*380		36.9	20.7																		
998	* 141	26.4	14.2																												
AFRICA - ETHIOPIA ADDIS ABABA 0859N 03848E 0B																															
030	20754	3	-61.6		9	13	95	3	030	23802	19	-55.3		9	96	90	10	030	20697	4	-61.6		6	64	77	4					
050	16650		-77.9			75	10	6	050	20585	8	-62.3		9	69	275	5	050	16615	2	-79.7		6	64	20	347	2				
100	14266		-65.7			29	30	2	100	16551	2	-80.3		3	49	110	3	100	16428	1	-65.7		6	64	20	347	2				
150	12458		-51.6	13.6		25	160	2	150	14196	1	-67.5		2	53	275	4	150	14245	1	-51.9		5	69	76	6					
200	9707		-29.9	15.2		50	20	3	200	12405	1	-53.1		1	32	245	3	200	12445		1	-30.4	13.7	5	70	89	4				
300	5872		-4.8	13.1		83	10	5	500	5839	1	-5.7	19.3	1	89	80	6	500	5860	0	-5.2	8.0	4	58	121	3					
500	3148		12.7	7.2		95	5	700	3140	0	7.6	5.8	0	86	65	4	700	3140	0	9.9	9.6	5	46	216	2						
766	*2324		22.4	11.5				823	*1798		15.4	9.1					850	1501	0	17.5	5.0	6	33	109	2						
AFRICA - MADAGASCAR ANTANANARIVO/IVATO 1848S 04729E 0B 3																															
030								030	20675	12	-63.3		9	67	70	9	030	20743	8	-63.2		9	89	87	8						
050	16583	2	-72.9		8	83	286	17	100	16603	5	-76.7		6	52	65	7	100	16575	1	-69.6		7	85	270	10					
100	14171	1	-65.0		5	98	278	43	150	14220	5	-66.1		6	69	100	10	150	14118	0	-61.9		0	90	262	24					
150	12374	1	-53.6		5	96	274	49	200	12427	5	-53.9		6	60	130	14	200	12307	0	-53.9		0	90	265	29					
300	9648	1	-32.8	19.9	3	92	281	41	300	9696	5	-32.1	14.2	6	87	145	11	300	9604	0	-36.0	15.5	0	80	265	21					
500	5855	1	-6.51	24.9	1	83	289	17	500	5888	3	-6.4	16.4	4	59	180	9	500	5856	0	-9.5	16.8	0	47	273	6					
700	3161	1	7.1	6.4	1	50	288	6	700	3184	3	9.6	9.7	4	65	310	5	700	3172	0	7.8	9.8	0	34	205	3					
850	1532	1	17.7	7.9	1	52	75	6	850	1531	3	24.2	16.5	4	82	230	4	850	1547	0	14.0	5.7	0	77	69	5					
877	*1276	20.1	9.4					875	*1280		28.4	17.4					883	*1200		14.5	2.7										
AFRICA - SOUTH AFRICA PRETORIA (IRENE) 2555S 02813E 0B 1																															
030	20742						030	23976	5	-54.9		8	95	95	12	030	23964	9	-55.3		9	93	98	10							
050							050	20761	2	-61.3		2	59	70	4	050	20753	4	-60.7		5	34	68	2							
100	15634	0	-67.9		0	90	272	10	100	16527	0	-65.8		0	93	274	13	100	16510	0	-64.8		0	92	272	12					
150	14063	0	-61.5		0	91	273	23	150	14034	0	-59.6		0	95	271	23	150	14012	0	-59.7		0	92	269	22					
200	12252	0	-54.2		0	89	270	28	200	12216	0	-54.7		0	91	272	27	200	12193	0	-54.7		0	85	267	24					
300	9565	0	-37.7	9.6	0	82	269	19	300	9540	0	-38.8	13.5	0	78	274	18	300	9520	0	-39.3	10.7	0	83	274	19					
500	5842	0	-11.0	13.0	0	81	271	10	500	5831	0	-11.2	20.6	0	81	275	10	500	5821	0	-12.3	13.0	0	83	270	12					
700	3168	0	7.2	7.4	0	69	283	5	700	3161	0	7.3	16.5	0	75	307	6	700	3160	0	6.1	10.3	0	75	287	5					
850	1543	7	-13.1	4.3	0	58	130	2	850	1528	0	18.6	17.2	0	19	76	2	850	1538	0	13.8	7.3	0	51	31	2					
1019	*	13.3	4.1					921	* 800		11.9	21.1					869	*1400		12.8	4.8										
AFRICA - SOUTH AFRICA DURBAN (LOUIS BOTHA) 2958S 03057E 0B 1																															
030	20780	4	-59.3		6	44	308	3	030	23982	10	-54.3		9	45	82	6	030	23999	3	-54.4		5	34	335	3					
050	16503	1	-64.2		2	94	278	15	100	16434	0	-61.7		0	92	283	21	100	16462	1	-58.6		1	82	306	7					
100	13996	0	-58.7		0	91	266	19	150	13907	0	-58.3		0	92	280	32	150	13932	0	-57.9		0	93	282	22					
150	12175	0	-54.4		0	84	269	22	200	12088	0	-56.0		0	86	279	31	200	12110	0	-55.3		0	88	282	23					
300	9506	0	-39.4	0.4	0	78	269	16	300	9432	0	-40.8	10.0	0	84	282	26	300	9456	0	-40.9	8.7									

AFRICA - SOUTH AFRICA

UPPER AIR

OCTOBER 1987

N AMER-USA

UPPER AIR

OCTOBER 1987

PRESSURE mb	HEIGHT gpm	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND								
		MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °		MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °		MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps					
N AMERICA - USA MONETT, MO. 3653N 09354W OB 2																											
030	23759	11	-56.5		9	91	265	7	030	20688	6	-57.4		2	97	246	20	030	23900	9	-53.9		9	79	243		
050	20639	8	-59.6						050	16345	2	-60.4				96	243	27	050	20653	5	-56.6			5	92	247
100	16353	3	-63.4		4	94	284	17	100	13809	1	-57.3		1	95	242	30	100	16297	1	-58.9		3	95	260		
150	13853	2	-60.8		3	91	283	23	150	11980	1	-54.7		1	84	250	25	150	13743	0	-56.8		1	93	266		
200	12060	2	-59.2		3	88	287	23	200	9322	1	-42.4		1	80	256	16	200	11913	0	-55.2		1	88	266		
300	9430	3	-42.2		2	83	284	22	300	5680	1	-16.6	10.8	1	75	262	9	300	9271	0	-43.4		0	78	275		
500	5760	0	-14.1	10.8	1	86	294	16	500	1508	1	4.1	8.0	2	65	295	7	500	5649	0	-18.5	9.6	0	82	276		
700	3124	0	-1.8	9.3	0	80	295	11	700	3072	1	-1.8	9.6	1	700	3059	0	-3.0	7.9	0	80	271					
850	1534	0	8.7	8.5	0	69	287	7	850	1508	1	4.1	8.0	2	65	295	7	850	1502	0	3.5	7.3	0	75	273		
969	* 437		7.6	-3.5					1010	*		3.9	2.2			984	* 306			5.0	3.1						
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 4108N 10041W OB 2																											
030	23575	3	-54.2		6	91	268	8	030	23996	4	-55.4		8	53	333	3	030	23421	6	-51.3		9	92	260		
050	20614	3	-59.9		5	85	287	7	050	20662	4	-61.1		7	80	300	4	050	20561	4	-58.1		8	85	285		
100	16309	2	-62.0		3	90	293	16	100	16378	2	-62.7		2	86	276	8	100	16184	0	-57.7		0	88	292		
150	13797	2	-60.8		3	92	291	23	150	13873	2	-61.6		2	62	262	6	150	13617	0	-56.1		1	86	292		
200	12001	2	-58.4		3	87	292	23	200	12082	2	-58.6		2	24	284	3	200	11783	0	-54.6		0	84	297		
300	9373	2	-42.8		2	77	292	21	300	9447	1	-42.4		1	21	232	2	300	9146	0	-45.9		0	79	301		
500	5723	0	-15.6	9.2	0	81	294	17	500	5782	0	-13.7	8.7	0	19	204	2	500	5572	0	-21.8	7.5	0	81	305		
700	3098	0	-0.9	10.8	0	79	295	11	700	3134	0	3.9		0	27	177	2	700	3014	0	-6.1	9.1	0	81	303		
850	1515	0	7.4	10.6	0	39	310	4	850	1524	0	14.1	13.3	1	45	125	2	850	1473	0	0.5	7.3	0	66	298		
922	* 849		1.1	4.5					971	*	405		8.4	4.9			980	* 312			1.3	3.5					
N AMERICA - USA INT. FALLS/FALLS' INT., MN: 4834N 09323W OB 2																											
030	23413	13	-52.2						030	23611	7	-56.2		9	83	282	8	030	23618	10	-52.3						
050	20500	13	-56.8						050	20551	4	-58.6		6	86	295	8	050	20609	7	-59.7			2	94	301	
100	16092	9	-55.2		9	86	295	13	100	16198	1	-58.9		2	91	300	15	100	16270	2	-61.2		2		15		
150	13515	6	-54.7		6	82	297	17	150	13648	1	-58.0		2	88	300	21	150	13745	0	-60.5		2	91	297		
200	11674	4	-53.5		4	83	301	22	200	11830	1	-45.9		3	88	296	25	200	11953	0	-59.9		0	86	305		
300	9065	1	-47.7		1	72	309	20	300	9207	1	-45.4		1	84	308	26	300	9339	0	-44.1		0	88	305		
500	5516	1	-23.3	8.3	1	78	305	14	500	5610	0	-19.7	8.6	0	90	308	19	500	5703	0	-16.7	10.1	0	90	304		
700	2973	1	-8.1	8.1	1	77	306	9	700	3032	0	-4.4	9.9	0	87	314	12	700	3092	0	-0.7	8.8	2	91	296		
850	1443	1	-1.3	6.9	1	65	297	7	850	1480	0	3.1	9.4	0	76	313	8	850	1513	0	8.5	12.9	4	67	257		
973	* 361		1.0	3.3					958	*	506		0.7	4.1			891	* 1115			3.9	10.0					
N AMERICA - USA SPOKANE/INT., WA 4738N 11732W OB 2																											
030	23917	9	-49.5						030	23828	9	-54.0						030	23649	3	-58.5		1	92	292		
050	20611	7	-59.6						050	20651	7	-59.4		9	93	297	6	050	20427	3	-56.4		1	92	282		
100	16291	6	-61.1		7	92	287	12	100	16328	3	-61.5		4	88	278	12	100	15995	1	-53.2		1	93	271		
150	13785	4	-60.8		5	87	287	16	150	13824	2	-61.9		3	83	272	15	150	13377	1	-51.9		0	93	268		
200	11997	5	-60.3		4	82	298	20	200	12039	1	-60.5		2	69	279	15	200	11512	1	-52.0		0	92	267		
300	9391	3	-43.1		3	80	293	16	300	9415	0	-42.6		0	66	264	13	300	8898	1	-51.0	9.3	0	80	266		
500	5738	0	-15.3	10.2	0	83	290	13	500	5752	0	-14.8	7.8	0	73	264	11	500	5405	1	-26.9	8.6	0	84	265		
700	3111	0	1.4	14.0	1	84	288	8	700	3118	0	2.0		0	70	262	7	700	2898	1	-11.4	5.4	0	67	269		
850	1524	0	9.3	15.5	2	47	291	2	850	1525	0	9.9		1	49	247	3	850	1384	1	-3.3	6.6	0	33	225		
936	* 721		3.6	5.6					1013	*	62		6.9	1.1			1000	* 60			-1.6	1.8					
N AMERICA - CANADA MOULD BAY, A, N.W.T. 7614N 11919W OB 2																											
030	23386	6	-62.2		0	90	294	15	030	23459	3	-59.8		0	89	284	10	030	23285	1	-62.5		1	57	254		
050	20218	4	-59.7		0	90	293	13	050	20261	2	-57.3		0	89	291	8	050	20109	0	-59.2		0	61	252		
100	15822	2	-53.9		0	90	289	10	100	15829	1	-52.2		0	81	298	6	100	15710	0	-53.4		0	73	266		
150	13213	2	-52.9		0	89	289	9	150	13193	1	-50.3		0	78	305	6	150	13082	0	-50.2		0	70	276		
200	11359	2	-54.0		0	83	295	9	200	11311	1	-49.2		0	69	318	5	200	11199	0	-49.0		0	72	286		
300	8777	2	-53.9	7.7	0	60	305	8	300	8680	1	-53.1	8.3	0	44	338	5	300	8563	0	-53.1	7.7	0	68	299		
500	5328	1	-30.7	9.0	0	58	300	6	500	5250	1	-32.0	7.2	0	42	359	4	500	5165	0	-36.1	6.4	0	76	297		
700																											

S AMER-BRAZIL

UPPER AIR

OCTOBER 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C			°	mps	mb	gpm		°C	°C		°	mps	mb	gpm		°C	°C			°	mps			
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 1552S 04756W OB 2														S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 2028S 05440W OB 2														
030	24042	6	-54.4		6	89	79	8	030	23937	13	-54.9		8	11	148	2	030	23985	4	-55.3		9	94	108	8		
050	20827	3	-63.1		3	89	91	12	050	20784	6	-63.0		8	11	279	13	050	20779	1	-62.3		9	94	281	14		
100	16699	1	-75.7		1	13	251	1	100	16621	2	-73.7		3	90	279	13	100	16606	1	-72.3		9	93	281	14		
150	14297	0	-64.9		0	69	238	11	150	14207	2	-64.9		1	92	280	23	150	14175	1	-63.7		9	91	268	22		
200	12482	0	-52.0		0	63	228	11	200	12402	2	-53.2		1	94	282	23	200	12370	1	-53.2		9	95	273	30		
300	9727	0	-31.2	12.2	0	35	219	4	300	9668	1	-32.8	15.9	0	87	281	17	300	9649	1	-34.0	10.9	2	90	284	23		
500	5902	0	-5.9	15.7	0	15	253	1	500	5872	1	-6.9	16.6	0	67	286	7	500	5870	0	-7.9	10.4	0	87	277	13		
700	3180	0	9.1	5.1	0	36	29	2	700	3162	1	8.5	9.5	0	76	313	7	700	3166	0	8.2	10.2	0	86	290	9		
850	1531	0	20.1	7.5	0	40	104	2	850	1524	1	18.9	11.0	0	62	334	4	850	1534	0	16.6	7.6	0	64	338	5		
898	*1061		23.1	7.3				*	950	* 567		23.4	8.9					1011	*	6	-23.0	4.4						
S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 2337S 04639W OB 2														S AMERICA - BRAZIL CURITIBA (AEROPORTO) 2531S 04910W OB 2														
030	23952	3	-56.7						030	24048	2	-52.3						030	23953	5	-56.8		9	38	259	5		
050	20767	1	-63.4						050	20824	1	-61.3						050	20754	3	-61.2		9	30	261	4		
100	16597	0	-71.6			9	93	273	13	100	16602	0	-68.7					100	16508	3	-65.2		9	95	254	20		
150	14168	0	-63.6			9	93	267	27	150	14141	0	-62.3					150	14012	3	-60.3		9	97	250	31		
200	12358	0	-52.8			9	90	272	29	200	12306	0	-52.4					200	12194	2	-53.8		8	92	258	37		
300	9627	0	-33.9	12.1	2	87	280	24	300	9600	0	-35.0	12.0	6	88	272	27	300	9499	2	-37.0	11.5	3	89	257	28		
500	5850	0	-8.0	16.4	0	80	278	12	500	5838	0	-9.3	15.8	0	90	262	14	500	5779	2	-12.0	14.6	2	86	247	15		
700	3150	0	8.1	12.5	0	82	291	9	700	3145	0	6.6	13.8	0	76	275	8	700	3115	2	4.1	14.5	2	75	234	8		
850	1520	0	15.8	-6.9	0	36	4	3	850	1524	1	13.8	5.7	0	25	336	2	850	1508	2	11.6	9.0	2	21	238	2		
925	* 803		18.6	5.5					914	* 908		15.7	4.6					1015	*	3	18.5	5.9						
S AMERICA - ARGENTINA SALTA AERO 2451S 06529W OB 2														S AMERICA - ARGENTINA RESISTENCIA AERO 2727S 05903W OB 2														
030	23891	11	-57.0						030	23980	7	-56.3		8				70	8	030								
050	20716	6	-62.7		8				050	20772	3	-61.3		6				131	1	050								
100	16516	2	-69.9		3				100	16550	2	-67.9		6				261	26	100								
150	14070	1	-63.1		1	87	255	29	150	14075	0	-60.8		4				264	44	150	13891	4	-56.4					
200	12263	0	-54.1		11	87	255	29	200	12252	0	-52.5		1				268	46	200	12053	1	-53.8		2	266	30	
300	9562	0	-36.2	17.7	0	85	260	22	300	9548	0	-36.4	16.0	5	90			269	36	300	9396	0	-41.1	14.6	1	83	269	26
500	5814	0	-8.3	19.8	0	79	250	9	500	5803	0	-10.1	13.9	4	76	254	14	500	5733	0	-14.7	15.0	0	78	279	11		
700	3114	0	7.4	10.7	0	28	320	1	700	3122	0	7.0	12.4	2	47	263	5	700	3097	0	2.5	10.4	0	52	320	3		
850	1496	0	14.3	7.5	0	56	50	1	850	1500	0	15.0	12.9	2	17	127	2	850	1498	0	11.6	9.0	0	11	189	1		
898	*1221		14.5	6.7					1007	* 52		18.7	3.7					934	* 704		14.7	4.7						
S AMERICA - ARGENTINA EZEIZA AERO 3449S 05832W OB 2														S AMERICA - ARGENTINA SANTA ROSA AERO 3634S 06416W OB 2														
030	23961	9	-55.3		2				030	23889	19	-56.6		5				202	3	030	23860	4	-56.5		1	258	13	
050	20725	3	-58.3		7				050	20672	10	-59.7		3				209	3	050	20632	3	-58.5		5	265	15	
100	16399	1	-59.9		4				100	16322	9	-61.9		4				277	15	100	16285	1	-57.4		6	271	21	
150	13847	0	-56.2		3				150	13772	9	-55.3		5				277	25	150	13705	1	-54.9		2	271	24	
200	12014	0	-54.5		0				200	11930	9	-54.3		0				277	33	200	11860	1	-54.4		7	269	25	
300	9958	0	-42.2	11.2	1	85	270	25	300	9292	9	-44.6	13.4	9	87	275	25	300	9235	1	-45.8	16.5	1	84	274	24		
500	5706	0	-15.4	12.5	0	84	260	19	500	5659	9	-17.6	12.7	9	85	273	17	500	5641	1	-19.4	15.8	3	81	270	15		
700	3084	0	1.3	61.8	0	55	265	6	700	3075	9	6.0	10.8	9	64	261	8	700	3056	1	-2.6	16.0	3	37	272	10		
850	1497	0	10.0	10.2	0	42	260	4	850	1495	9	9.0	2.7	6	46	241	4	850	1486	1	-7.5	13.4	3	64	268	6		
1014	* 20		13.5	2.4					993	* 191		11.0	2.3					984	*	271		10.8	6.4					
S AMERICA - ARGENTINA COMANDANTE ESPORA B.A. 3844S 06210W OB 2														ANTARCTICA - SOUTH AFRICA S.A.N.A.E. STATION 7018S 00221W OB 2														
030									030	23638	11	-59.9		4				266	34	030	21856	4	-63.5		9	95	291	23
050									050	20430	10	-58.8		7				266	31	050	14771	1	-75.1		1	82	284	10
100									100	16089	8	-57.3		7				269	26	100	14204	0	-72.2		1	68	278	8
150																												

SW PAC-N ZEALAND

UPPER FAIR

OCTOBER 1987

SW PAC-AUSTRALIA

UPPER AIR

OCTOBER 1987

EUROPE-ITALY

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
EUROPE - ITALY MILANO/LINATE JUL 1987 4526N 00917E 0B 3																										
EUROPE - ITALY CAGLIARI/ELMAS JUL 1987 3915N 00903E 0B 3																										
030	24349	1	-49.1		1	97	102	14	030	24298	1	-50.2		1	98	96	19	030	24149	11	-51.0	14.0	9	94	88	8
050	21030		-53.3			91	102	8	050	21007	1	-55.7		1	95	101	14	050	20863	10	-57.5	12.9	9	60	67	3
100	16602		-55.6		1	78	248	13	100	16662		-60.4			87	246	15	100	16575	3	-71.5	10.7	4	72	276	12
150	14009		-53.9			84	251	24	150	14113		-56.5			88	256	30	150	14204	1	-62.1	11.8	1	93	275	21
200	12169		-54.9			73	252	28	200	12272		-53.1			84	262	33	200	12194	2	-51.0	13.3	1	96	277	24
300	9500		-38.9			65	252	23	300	9589		-38.1			78	262	24	300	9637	1	-33.4	15.4	1	94	275	22
500	5971	-11.9	13.1			74	249	17	500	5863	-10.5	17.9			85	269	22	500	5857	1	-7.3	15.4	1	92	284	8
700	3134	4.3	7.2			58	245	7	700	3181	8.7	18.1			77	252	15	700	3129	1	14.2	20.8	3	73	3	2
850	1522	14.4	6.2			32	108	2	850	1544	19.3	16.7			37	227	4	820	*1791		20.9	19.5				
1002	* 103	25.2	10.1						1015	*	18	26.5	6.6													
SW PACIFIC - SOLOMON ISLANDS HONIARA SEP 1987 0925S 15958E 0B 1																										
SW PACIFIC - AUSTRALIA DARWIN AIRPORT SEP 1987 1224S 13052E 0B																										
030	23925	10	-54.7			66	59	3	030	23924	5	-55.6			83	87	6	030	20713	5	-60.9		4	98	94	14
050	20716	3	-62.4			22	132	2	050	20721	4	-62.7			98	94	12	050	16585	1	-79.3		0	52	263	4
100	16610	0	-78.6			13	290	7	100	16611	3	-78.6			22	254	2	100	14230	1	-67.1		0	60	284	8
150	14259	0	-67.3			13	290	7	150	14247	2	-66.3			57	289	7	150	12439	1	-53.2		0	65	289	10
200	12459	0	-53.3			44	13	4	200	12451	2	-52.8			70	284	10	200	9695	1	-31.3		0	79	277	8
300	9713	0	-30.4			60	60	5	300	9703	1	-30.5			79	264	10	300	5875	0	-5.5	16.6	0	74	292	6
500	5886	0	-5.7	7.4		70	66	4	500	5877	0	-5.1	22.5		86	293	7	500	3164	0	8.6	16.1	0	21	267	2
700	3166	0	9.7	12.4		83	76	6	700	3164	0	8.2	15.3		48	147	3	700	1539	0	15.7	7.1	0	92	100	9
850	1527	0	17.2	3.7		96	102	7	850	1540	0	16.3	8.2		91	99	7	850	1009	*	54	25.8	5.5			
1006	* 56	29.3	5.0						1012	*	30	26.1	4.6					1016	*	9	25.2	5.8				
SW PACIFIC - AUSTRALIA BROOME AIRPORT SEP 1987 1757S 12213E 0B																										
SW PACIFIC - AUSTRALIA TOWNSVILLE AIRPORT SEP 1987 1915S 14645E 0B 1																										
030	20750	4	-60.6		4	93	101	7	030	20745	3	-60.2			87	107	6	030	20769	4	-61.1		4	89	100	7
050	20800	2	-58.4			86	92	7	050	20750	2	-59.9			44	122	2	050	20771	6	-57.1					
100	16580	4	-75.6			93	273	13	100	16553	0	-73.9			93	269	14	100	16599	4	-76.0		2	87	266	10
150	14192	4	-65.6			94	271	24	150	14156	0	-65.0			95	273	28	150	14217	4	-65.8		2	87	274	20
200	12390	4	-52.3			94	270	27	200	12352	0	-52.7			94	276	32	200	12416	4	-52.7		0	90	277	23
300	9643	4	-31.1			93	265	25	300	9619	0	-32.8			94	280	29	300	9673	3	-31.7		0	94	290	21
500	5834	4	-6.6	23.0		93	270	14	500	5842	0	-8.1	20.8		93	280	15	500	5869	0	-5.9	22.4	2	87	281	11
700	3155	4	4.7	16.0		57	20	4	700	3159	0	4.6	16.9		35	214	2	700	3164	0	7.8	14.3	0	39	278	3
850	1539	4	17.3	20.7		53	116	4	850	1557	0	12.1	7.8		82	93	6	850	1548	0	13.8	5.8	0	86	108	8
1005	* 9	21.2	6.7						1019	*	6	24.6	9.1					1016	*	9	25.2	5.8				
SW PACIFIC - AUSTRALIA GILES SEP 1987 2502S 12818E 0B																										
SW PACIFIC - AUSTRALIA CHARLEVILLE AIRPORT SEP 1987 2625S 14616E 0B 1																										
030	23970	5	-55.7			93	98	7	030	23970	5	-55.7			93	98	7	030	20771	6	-57.1					
050	20750	2	-59.4			86	92	7	050	20767	4	-58.3			44	229	3	050	16453	2	-61.6					
100	16540	0	-66.7			93	273	13	100	16501	2	-65.9			96	266	20	100	13924	1	-57.4		9	98	269	33
150	14062	0	-60.1			95	269	32	150	14017	1	-59.9			97	272	38	150	12080	0	-50.5		8	95	274	36
200	12226	0	-54.1			91	269	40	200	12184	0	-51.3			96	277	45	200	9392	0	-40.9		3	90	272	30
300	9490	0	-35.6			91	272	32	300	9471	0	-37.9			94	276	32	300	5750	0	-16.6		3	80	263	12
500	5790	0	-14.2	18.5		78	274	10	500	5786	0	-14.4	18.1		76	263	19	500	3138	0	0.4	19.7	3	68	236	6
700	3161	0	-2.4	16.6		24	249	2	700	3158	0	1.1	18.5		30	232	3	700	1570	0	10.7	14.1	0	24	99	2
850	1563	0	12.8	16.9		33	92	3	850	1570	0	10.7	14.1		24	97	2	850	1558	0	8.9	12.8	3	51	242	3
953	* 599	18.7	21.4						988	*	304	19.0	13.4					981	*	360	16.8	9.2				

SW PAC-AUSTRALIA

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	Depression	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	Depression	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	Depression	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%		o	mps	mb	gpm		°C	°C	%		o	mps	mb	gpm		°C	°C	%		o	mps			
SW PACIFIC - AUSTRALIA																													
ESPERANCE																													
SEP 1987 3349S 12153E 0B																													
030										030										030									
050	20751	6	-57.5			9	70	253	5	050	20773	6	-57.9			20	97	177	1	050	20770	3	-58.1			8	73	95	4
100	16382	0	-58.6			2	96	266	20	100	16446	5	-61.4			2	93	264	17	100	16542	0	-60.8			3	18	260	1
150	13816	0	-54.0			1	96	266	25	150	13905	5	-55.3			0	95	265	27	150	13897	0	-54.5			0	93	269	19
200	11953	0	-51.0			0	91	263	25	200	12045	5	-49.7			0	94	269	31	200	12038	0	-50.2			0	92	271	31
300	9300	0	-44.6			0	63	267	13	300	9351	4	-43.1			0	76	271	18	300	9384	0	-43.2			0	77	276	18
500	5701	0	-19.0	14.8		0	63	270	9	500	5740	4	-36.5	16.3		0	54	264	8	500	5741	0	-17.9	16.7		0	53	282	7
700	3111	0	-1.9	13.5		0	60	278	6	700	3139	4	-0.3	18.0		0	47	265	5	700	3140	0	2.4	18.0		0	44	268	4
850	1542	0	6.5	9.7		0	58	273	5	850	1561	4	8.0	13.8		0	28	243	2	850	1562	0	8.8	14.3		0	29	305	3
1020	*	26	12.1	3.7						1005	*	160	12.0	7.0						1004	*	167	15.6	11.8					
SW PACIFIC - AUSTRALIA																													
ADELAIDE AIRPORT																													
SEP 1987 34565 13831E 0B																													
030	23995	9	-54.3			9	28	269	2	030	20749	10	-58.4			8	95	264	20	030	20727	3	-56.2			6	69	249	4
050	20741	6	-57.3			4	81	263	7	050	16415	5	-60.2			8	95	269	29	100	16377	1	-59.1			1	95	264	19
100	16374	3	-57.5			0	94	269	20	100	13871	2	-55.7			5	98	269	29	150	13817	1	-55.7			1	97	268	29
150	13798	2	-54.3			0	94	271	26	150	12019	2	-51.2			3	95	270	32	200	11961	0	-52.0			1	93	270	29
200	11947	2	-53.3			0	87	269	24	200	9356	2	-43.7			1	80	268	20	300	9306	0	-44.5			1	80	263	19
300	9313	1	-45.9			0	68	265	14	300	5733	1	-18.0	17.6		1	71	258	9	500	5702	0	-18.8	18.9		0	81	252	12
500	5711	0	-18.7	13.7		0	67	267	9	500	3130	1	-0.9	17.1		1	57	259	6	700	3109	0	-1.4	8.1		1	84	242	9
700	3116	1	-1.5	15.0		0	65	265	7	700	1555	1	8.3	12.8		1	34	268	3	850	1543	0	7.3	13.7		0	65	246	5
850	1544	1	7.1	12.9		1	64	285	7	850	992	*	265	16.2	11.4					1021	*	11	15.9	6.0					
1020	*	69	9.3	1.2						1013	*	69	11.9	4.2						1019	*	14	13.1	6.6					
SW PACIFIC - AUSTRALIA																													
ALBANY AIRPORT																													
SEP 1987 3457S 11748E 0B 1																													
030	20701	3	-54.4			9	74	254	6	030	20705	5	-55.4			4	92	269	12	030	23977	10	-53.0			0	92	267	12
050	16253	1	-58.4			4	93	263	20	100	16308	2	-54.4			1	95	265	21	100	16301	1	-56.5			0	95	267	21
100	13796	0	-53.8			3	92	264	24	150	13721	2	-53.9			1	94	267	25	150	13717	0	-53.3			0	94	266	26
150	11935	0	-51.6			1	90	263	23	200	11873	2	-55.1			1	87	264	22	200	11863	0	-54.3			0	91	263	23
200	9288	0	-44.8			0	51	267	12	300	9268	2	-46.7			1	73	261	16	300	9248	0	-46.7			0	79	262	19
300	5684	0	-18.6	17.3		0	63	280	11	500	5664	0	-20.3	12.1		0	74	259	13	500	5665	0	-19.5	15.3		0	76	253	14
500	3094	0	-2.3	15.5		1	67	278	9	700	3082	0	-2.0	16.6		0	72	263	11	700	3077	0	-2.9	15.4		0	78	263	12
700	1529	0	5.8	9.4		0	61	282	6	850	1518	0	4.5	9.8		0	72	275	9	850	1520	0	4.9	9.5		0	74	262	9
850	1542	5	6.8	13.5		1	78	254	7	850	1448	0	2.6	8.1		1	85	259	13	1016	*	46	18.3	5.9		0	66	250	7
998	*	213	11.2	3.8						1013	*	3	12.3	7.6						1013	*	3	24.7	3.8					
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)																													
NORFOLK ISLAND AIRPORT																													
SEP 1987 2902S 16756E 0B																													
030	20683	6	-57.6			2	50	276	3	050	15561	4	-59.0			8	99	272	45	030	20688	7	-61.7			9	95	97	13
100	16394	3	-62.4			0	98	266	25	100	15014	3	-57.8			5	96	274</											

STATION LIST RECENT DATA

47409	C	ABASHIRI	JAPAN	80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA
03091	C	ABERDEEN/DYCE	U KINGDOM	44288	C	ARBAIHER	MONGOLIA
41112	C	ABHA	SAUDI ARABIA	84752	C	AREQUIPA	PERU
72266	C	ABILENE, TX.	USA	22550	CT	ARHANGEL'SK	USSR
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	85406	C	ARICA	CHILE
41217	CT	ABU DHABI INT. AIRPORT	U ARAB EMIRATES	47407	C	ASAHIKAWA	JAPAN
62640	C	ABU HAMED	SUDAN	38880	CT	ASHABAD	USSR
62795	C	ABU NA'AMA	SUDAN	72315	C	ASHEVILLE/REG., NC	USA
76805	C	ACAPULCO,GRO.	MEXICO	63021	CT	ASMARA	ETHIOPIA
17352	CT	ADANA	TURKEY	62414	C	ASSWAN	EGYPT
63450	CT	ADDIS ABABA	ETHIOPIA	72791	C	ASTORIA/CLATSOP, OR.	USA
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	34880	C	ASTRAHAN'	USSR
41467	C	ADEN KHORMAKSAR	DEM YEMEN	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
60620	C	ADRAR	ALGERIA	65376	C	ATAKPAME	TOGO
76644	C	AEROP. INT. MERIDA,YUC.	MEXICO	61421	C	ATAR	MAURITANIA
87582	C	AEROPARQUE	ARGENTINA	62680	C	ATBARA	SUDAN
17190	C	AFYON	TURKEY	16716	C	ATHENS/HELLINIKON)	GREECE
61024	C	AGADEZ	NIGER	16714	C	ATHINAI/OBSERVATORY	GREECE
61974	C	AGALEGA	MAURITIUS	72219	C	ATLANTA/MUN., GA.	USA
42261	C	AGRA	INDIA	72407	C	ATLANTIC CITY, NJ.	USA
42647	CT	AHMADABAD	INDIA	91925	CT	ATUNDA	FRENCH POLY.
60560	C	AIN SEFRA	ALGERIA	93119	C	AUCKLAND AIRPORT	N ZEALAND
61499	C	AIOUN EL ATROUSS	MAURITANIA	03322	T	AUGHTON	U KINGDOM
07761	CT	AJACCIO	FRANCE	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
31168	C	AJAN	USSR	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
47582	CT	AKITA	JAPAN	84673	C	AYACUCHO	PERU
42933	C	AKOLA	INDIA	87642	C	AZUL AERO	ARGENTINA
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	08329	C	BADAJOZ	SPAIN
04063	C	AKUREYRI	ICELAND	71727	C	BAGOTVILLE, QUE.	CANADA
48062	C	AKYAB	BURMA	98328	C	BAGUIO	PHILIPPINES
40420	C	AL AHSA	SAUDI ARABIA	87750	C	BAHIA-BLANCA AERO	ARGENTINA
41055	C	AL BAHIA	SAUDI ARABIA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
40361	C	AL-JOUF	SAUDI ARABIA	71926	CT	BAKER LAKE, N.W.T.	CANADA
94802	CT	ALBANY AIRPORT	AUSTRALIA	40766	C	BAKHTARAN	IRAN, ISLAMIC REP
72518	C	ALBANY/ALBANY CO., NY.	USA	35796	C	BALHAS	USSR
06030	C	ALBORG	DENMARK	96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA
72365	C	ALBUQUERQUE/INT., NM.	USA	72406	C	BALTIMORE/BALTIMORE-WAS., MD.	USA
31004	CT	ALDAN	USSR	61291	CT	BAMAKO/SENOU	MALI
83931	C	ALEGRETE	BRAZIL	64660	C	BAMBARI	CENTRAL AFRICAN REP
40007	C	ALEPO	SYRIAN ARAB REP	43295	C	BANGALORE	INDIA
71082	CT	ALERT,N.W.T.	CANADA	64656	C	BANGASSOU	CENTRAL AFRICAN REP
68406	C	ALEXANDER BAY	SOUTH AFRICA	48455	CT	BANGKOK	THAILAND
61997	C	ALFRED FAURE (ILES CROZET)	FRANCE	64650	C	BANGUI	CENTRAL AFRICAN REP
16520	C	ALGHERO	ITALY	80419	C	BARCELONA	VENEZUELA
08359	C	ALICANTE	SPAIN	08181	C	BARCELONA/AEROPUERTO	SPAIN
94326	CT	ALICE SPRINGS AIRPORT	AUSTRALIA	87765	C	BARILOCHE AERO	ARGENTINA
64662	C	ALINDAO	CENTRAL AFRICAN REP	29838	C	BARNaul	USSR
42475	C	ALLAHABAD/BAMHRAULI	INDIA	82571	C	BARRA DO CORDA	BRAZIL
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
36870	CT	ALMA-ATA	USSR	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
08487	C	ALMERIA/AEROPUERTO	SPAIN	70026	CT	BARROW/W. POST W. ROGERS, AK.	USA
44277	C	ALTAI	MONGOLIA	70086	CT	BARTER ISLAND, AK.	USA
51076	C	ALTAY	CHINA	98135	C	BASCO	PHILIPPINES
97724	C	AMBON/PATTIMURA	INDONESIA	89057	C	BASE ARTURO PRAT	CHILE
40270	C	AMMAN AIRPORT	JORDAN	89059	C	BASE BERNARDO O'HIGGINS	CHILE
97240	C	AMPENAN/SELAPARANG	INDONESIA	64931	C	BATOURI	REP CAMEROON
42071	C	AMRITSAR	INDIA	91557	C	BAUERFIELD (EFATE)	VANUATU
89009	CT	AMUNDSEN-SCOTT	USA	68728	C	BEAUFORT WEST	SOUTH AFRICA
25563	CT	ANADYR'	USSR	60571	CT	BECHAR	ALGERIA
70273	CT	ANCHORAGE/INT., AK.	USA	72412	C	BECKLEY(RALEIGH CTY. M.), VA.	USA
91568	C	ANEITYUM	VANUATU	54511	CT	BEIJING	CHINA
04360	CT	ANGMAGSSALIK	DENMARK	67297	C	BEIRA	MOZAMBIQUE
17130	CT	ANKARA/CENTRAL	TURKEY	60402	C	BEJAIA	ALGERIA
60360	C	ANNABA	ALGERIA	82191	C	BELEM	BRAZIL
70398	C	ANNETTE ISLAND, AK.	USA	82193	T	BELEM (AEROPORTO)	BRAZIL
84542	C	ANTA' (HUARAZ)	PERU	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
17300	C	ANTALYA	TURKEY	43198	C	BELGAUM/SAMBRA	INDIA
67083	CT	ANTANANARIVO/IVATO	MADAGASCAR	78583	C	BELIZE/INT. AIRPORT	BELIZE
85442	C	ANTOFAGASTA	CHILE	03976	C	BELMULET	IRELAND
40718	C	ANZALI	IRAN, ISLAMIC REP	83587	C	BELO HORIZONTE	BRAZIL
98232	C	APARRI	PHILIPPINES	40180	C	BEN-GURION INT. AIRPORT	ISRAEL
80084	C	APARTADO	COLOMBIA	60602	C	BENI ABBES	ALGERIA
91762	C	APIA	SAMOA	60518	C	BENI-SAF	ALGERIA
83096	C	ARACAJU	BRAZIL	62053	C	BENINA	LIBYAN ARAB JAMAHIRI
48462	C	ARANYAPRATHET	THAILAND	82410	C	BENJAMIN CONSTANT	BRAZIL
40357	C	ARAR	SAUDI ARABIA	13274	C	BEOGRAD	YUGOSLAVIA

STATION LIST RECENT DATA

13275	T	BEOGRAD/ZELENO BRDO	YUGOSLAVIA	15655	C	BURGAS	BULGARIA
64600	C	BERBERATI	CENTRAL AFRICAN REP	72617	C	BURLINGTON/INT., VT.	USA
10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP	17116	C	BURSA	TURKEY
78016	T	BERMUDA NAVAL AS KINDELY	USA	40858	C	BUSHEHR	IRAN, ISLAMIC REP
40179	T	BET DAGAN	ISRAEL	16560	CT	CAGLIARI/ELMAS	ITALY
70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA	94287	C	CAIRNS AIRPORT	AUSTRALIA
68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA	62366	C	CAIRO	EGYPT
42971	CT	BHUBANESWAR	INDIA	84472	C	CAJAMARCA	PERU
97560	C	BIAK/MOKMER	INDONESIA	42807	C	CALCUTTA/ALIPORE	INDIA
12295	C	BIALYSTOK	POLAND	42809	T	CALCUTTA/DUM DUM	INDIA
71848	CT	BIG TROUT LAKE, ONT.	CANADA	80259	C	CALI/PALMASECA	COLOMBIA
42165	C	BIKANER	INDIA	71925	CT	CAMBRIDGE BAY, N.W.T.	CANADA
72677	C	BILLINGS/LOGAN INT., MT.	USA	85315	C	CAMIPI	BOLIVIA
61017	C	BILMA	NIGER	93944	CT	CAMPBELL ISLAND	N ZEALAND
72515	C	BINGHAMTON/BROOME CO., NY.	USA	83611	C	CAMPO GRANDE	BRAZIL
96441	T	BINTULU	MALAYSIA	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
61401	C	BIR MOGHREIN	MAURITANIA	17112	C	CANAKKALE	TURKEY
64658	C	BIRAO	CENTRAL AFRICAN REP	84226	C	CANAR	ECUADOR
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	94926	C	CANBERRA AIRPORT	AUSTRALIA
61075	C	BIRNI-N'KONNI	NIGER	72304	C	CAPE HATTERAS, NC.	USA
41084	C	BISHA	SAUDI ARABIA	68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA
60525	C	BISKRA	ALGERIA	80416	C	CARACAS/LA CARLOTA	VENEZUELA
72764	CT	BISMARCK/MUN., ND.	USA	83498	C	CARAVELAS	BRAZIL
15085	C	BISTRITA	ROMANIA	03715	CT	CARDIFF-WALES AIRPORT	U KINGDOM
64510	C	BITAM	GABON	38687	C	CARDZOU	USSR
01028	CT	BJORNØYA	NORWAY	72712	C	CARIBOU/MUN., ME.	USA
31510	CT	BLAGOVESCENSK	USSR	94300	CT	CARNARVON AIRPORT	AUSTRALIA
68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	82765	C	CAROLINA	BRAZIL
74492	C	BLUE HILL OBSER. WB., MA.	USA	80022	C	CARTAGENA/CRESPO	COLOMBIA
82024	C	BOA-VISTA	BRAZIL	60155	CT	CASABLANCA	MOROCCO
65510	C	BOBO-DIOULASSO	BURKINA FASO	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
01152	T	BÓDO	NORWAY	87222	C	CATAMARCA AERO	ARGENTINA
01152	C	BÓDO VI	NORWAY	16460	C	CATANIA/FONTANAROSSA	ITALY
30554	C	BOGDARIN	USSR	87763	C	CATEDRAL, 2000	ARGENTINA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
29282	C	BOGUCANY	USSR	94653	C	CEDUNA AIRPORT	AUSTRALIA
65338	C	BOHICON	BENIN	89056	C	CENTRO MET. ANTARTICO "PDT"	CHILE
72681	C	BOISE/MUN., ID.	USA	89055	C	CENTRO MET. ANTARTICO "VICEC."	ARGENTINA
83288	C	BOM JESUS DA LAPA	BRAZIL	87257	C	CERES	ARGENTINA
43057	C	BOMBAY/COLABA	INDIA	84444	C	CHACHAPOYAS	PERU
43003	T	BOMBAY/SANTACRUZ	INDIA	40942	C	CHAKHCHARAN	AFGHANISTAN
31253	C	BOMNAK	USSR	87320	C	CHAMICAL AERO	ARGENTINA
23884	C	BOR	USSR	48480	C	CHANTHABURI	THAILAND
91930	C	BORA-BORA	FRENCH POLY.	72414	C	CHARLESTON/KANAWHA, WV.	USA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	72208	C	CHARLESTON/MUN., SC.	USA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA
64610	C	BOSSANGOA	CENTRAL AFRICAN REP	99030	CT	CHARLIE	OCEAN WEATHER STATIO
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
72509	C	BOSTON/LOGAN INT., MA.	USA	93986	CT	CHATHAM ISLAND	N ZEALAND
60515	C	BOU-SAADA	ALGERIA	71717	C	CHATHAM, N.B.	CANADA
64601	C	BOUAR	CENTRAL AFRICAN REP	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
61296	C	BOUGOUNI	MALI	11406	C	CHEB	CZECHOSLOVAKIA
07255	C	BOURGES	FRANCE	56294	C	CHENGDU	CHINA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	87322	C	CHEPES	ARGENTINA
83377	C	BRASILIA	BRAZIL	07024	C	CHERBOURG	FRANCE
83378	T	BRASILIA (AEROPORTO)	BRAZIL	42515	C	CHERRAPUNJI	INDIA
30309	C	BRATSK	USSR	76750	C	CHETUMAL, Q. ROO	MEXICO
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	72564	C	CHEYENNE, WY.	USA
07110	CT	BREST/GUIPAVAS	FRANCE	41768	C	CHHOR	PAKISTAN
64655	C	BRIA	CENTRAL AFRICAN REP	48327	CT	CHIANG MAI	THAILAND
16320	CT	BRINDISI	ITALY	72530	C	CHICAGO/O'HARE, IL.	USA
94578	CT	BRISBANE AIRPORT	AUSTRALIA	47971	CT	CHICHIJIMA	JAPAN
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	84452	C	CHICLAYO	PERU
94203	CT	BROOME AIRPORT	AUSTRALIA	84531	C	CHIMBOTE	PERU
72250	CT	BROWNSVILLE/INT., TX.	USA	60425	C	CHLEF	ALGERIA
96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM	44259	C	CHOIBALSAN	MONGOLIA
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	47648	C	CHOSHI	JAPAN
15420	T	BUCURESTI/IMH	ROMANIA	93780	C	CHRISTCHURCH AIRPORT	N ZEALAND
12843	CT	BUDAPEST/LORINC	HUNGARY	48517	C	CHUMPHON	THAILAND
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	47014	C	CHUNGANG	DPR KOREA
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	71913	CT	CHURCHILL, MAN.	CANADA
87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA	38262	C	CIMBAJ	USSR
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	72421	C	CINCINNATI/GREATER CIN., OH.	USA
64390	C	BUJUMBURA	BURUNDI	30758	CT	CITA	USSR
67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	80444	C	CIUDAD BOLIVAR	VENEZUELA
44239	C	BULGAN	MONGOLIA	15120	CT	CLUJ-NAPOCA	ROMANIA

STATION LIST RECENT DATA

71090	C	CLYDE, N.W.T.	CANADA	64453	C	DJAMBALA	CONGO
82425	C	COARI	BRAZIL	60670	C	DJANET	ALGERIA
76741	C	COATZACOALCOS, VER.	MEXICO	60535	C	DJELFA	ALGERIA
94711	CT	COBAR	AUSTRALIA	63125	C	DJIBOUTI	DJIBOUTI
85041	C	COBIJA	BOLIVIA	72451	C	DODGE CITY/MUN., KS.	USA
85223	C	COCHABAMBA	BOLIVIA	63862	C	DODOMA	U REP TANZANIA
43353	T	COCHIN/WILLINGDON	INDIA	41170	C	DOHA INTERNATIONAL AIRPORT	QATAR
64504	C	COCOBEACH	GABON	62650	C	DONGOLA	SUDAN
96996	CT	COCOS ISLAND AIRPORT	ISLANDS	65501	C	DORI	BURKINA FASO
94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA	64910	C	DOUALA OBS.	REP CAMEROON
21946	C	COKURDAH	USSR	09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP
70316	CT	COLD BAY, AK.	USA	03969	C	DUBLIN AIRPORT	IRELAND
43466	C	COLOMBO	SRI LANKA	52836	C	DULAN	CHINA
86560	C	COLONIA	URUGUAY	72745	C	DULUTH/INT., MN.	USA
76458	C	COLONIA JUAN CARRASCO MAZ.	MEXICO	42599	C	DUMKA	INDIA
72310	C	COLUMBIA, SC.	USA	89642	CT	DUMONT D'URVILLE	FRANCE
72445	C	COLUMBIA/REGIONAL, MO.	USA	68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA
72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA	42731	C	DWARKA	INDIA
87748	T	COMANDANTE ESPORA B.A.	ARGENTINA	67005	C	DZAOUZI/PAMANZI (MAYOTTE)	FRANCE
87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA	24143	C	DZARDZAN	USSR
82861	C	CONCEICAO DO ARAGUAIA	BRAZIL	68858	C	EAST LONDON	SOUTH AFRICA
85196	C	CONCEPCION	BOLIVIA	94907	C	EAST SALE AERODROME	AUSTRALIA
86134	C	CONCEPCION	PARAGUAY	03160	C	EDINBURGH AIRPORT	U KINGDOM
72605	C	CONCORD/MUN., NH.	USA	17050	C	EDIRNE	TURKEY
87395	C	CONCORDIA AERO	ARGENTINA	71119	T	EDMONTON (STONY PLAIN), ALTA	CANADA
72458	C	CONCORDIA/BLOSSER MUN., KS.	USA	71879	C	EDMONTON MUNICIPAL ALTA	CANADA
15480	T	CONSTANTA	ROMANIA	04220	CT	EGEDESMINDE	DENMARK
60419	C	CONSTANTINE	ALGERIA	40199	C	EILAT	ISRAEL
71938	C	COPPERMINE, N.W.T.	CANADA	62760	C	EL 'FASHER	SUDAN
71915	CT	CORAL HARBOUR, N.W.T.	CANADA	60590	C	EL GOLEA	ALGERIA
87344	C	CORDOBA AERO	ARGENTINA	60540	C	EL KHEITER	ALGERIA
03955	C	CORK AIRPORT	IRELAND	62771	C	EL OBEID	SUDAN
72251	C	CORPUS CHRISTI/INTL., TX.	USA	60559	C	EL OUED	ALGERIA
87166	C	CORRIENTES AERO.	ARGENTINA	72270	C	EL PASO/INTL., TX.	USA
83552	C	CORUMBA	BRAZIL	86585	C	EL PRADO	URUGUAY
65344	C	COTONOU	BENIN	84179	C	EL PUYO	ECUADOR
03774	T	CRAWLEY	U KINGDOM	60367	C	EL-KALA	ALGERIA
82704	C	CRUZEIRO DO SUL	BRAZIL	60550	C	ELBAYADH	ALGERIA
80097	C	CUQUITA/CAMILO DAZA	COLOMBIA	12160	C	ELBLAG	POLAND
83361	C	CUIABA	BRAZIL	63686	C	ELDORET	KENYA
83842	C	CURITIBA	BRAZIL	72486	C	ELY/YELLAND, NV.	USA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	10203	C	EMDEN-HAFEN	GERMANY, FED REP
84686	C	CUZCO	PERU	86297	C	ENCARNACION	PARAGUAY
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	29263	C	ENISEJSK	USSR
48855	T	DA NANG	VIET NAM	24817	C	ERBOGACEN	USSR
98325	C	DAGUPAN	PHILIPPINES	53068	C	ERENHOT	CHINA
61641	CT	DAKAR/YOFF	SENEGAL	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
62432	C	DAKHLA	EGYPT	17092	C	ERZINCAN	TURKEY
41712	C	DAL BANDIN	PAKISTAN	40800	C	ESFAHAN	IRAN, ISLAMIC REP
44373	C	DALANZADGAD	MONGOLIA	03162	C	ESKDALEMUIR	U KINGDOM
72259	C	DALLAS-FORT WORTH/FORT,	TX, USA	94638	CT	ESPERANCE	AUSTRALIA
42587	C	DALTONGANJ	INDIA	88963	C	ESPERANZA B.E.	ARGENTINA
40080	CT	DAMASCUS NEW INT'L AIRPORT	SYRIAN ARAB REP	87803	C	ESQUEL AERO	ARGENTINA
62805	C	DAMAZINE	SUDAN	24105	C	ESSEJ	USSR
04320	CT	DANMARKSHAVN	DENMARK	10410	CT	ESSEN	GERMANY, FED REP
65351	C	DAPAON	TOGO	72594	C	EUREKA, CA.	USA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	71917	CT	EUREKA, N.W.T.	CANADA
60390	CT	DAR-EL-BEIDA	ALGERIA	72432	C	EVANSVILLE/REG., IN.	USA
42391	C	DARBHANGA	INDIA	87576	CT	EZEIZA-AERO	ARGENTINA
94120	CT	DARWIN AIRPORT	AUSTRALIA	65507	C	FAOA N'GOURMA	BURKINA FASO
72429	C	DAYTON/JAMES M. COX DAY., OH.	USA	70261	C	FAIRBANKS/INTL., AK.	USA
06260	CT	DE BILT	NETHERLANDS	16191	C	FALCONARA	ITALY
12882	C	DEBRECEN	HUNGARY	72753	C	FARGO/HECTOR FIELD, ND	USA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	82400	T	FERNANDO DE NORONHA	BRAZIL
72469	C	DENVER/STAPLETON, INTL, CO.	USA	09578	C	FICHTELBERG	GERMAN DEM REP
41624	C	DERA ISMAIL KHAN	PAKISTAN	72637	C	FLINT/BISHOP, MI	USA
72546	C	DES MOINES/MUN., IA.	USA	82678	C	FLORIANO	BRAZIL
72537	C	DETROIT/METROPOLITAN, MI.	USA	83897	C	FLORIANOPOLIS	BRAZIL
40416	CT	DHAHRAN	SAUDI ARABIA	87162	C	FORMOSA AERO	ARGENTINA
42314	C	DIBRUGARH/MOHANBARI	INDIA	94646	CT	FORREST AIRPORT	AUSTRALIA
61967	T	DIÉGO GARCIA	USA	71945	CT	FORT NELSON, B.C.	CANADA
67009	C	DIÉGO-SUÁREZ	MADAGASCAR	38001	C	FORT SEVCENKO	USSR
07280	C	DIJON	FRANCE	71934	CT	FORT SMITH, N.W.T.	CANADA
61666	C	DIOURBEL	SENEGAL	72344	C	FORT SMITH/MUN., AR.	USA
63471	C	DIRE DAWA	ETHIOPIA	72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA
17280	CT	DIYARBAKIR	TURKEY	92397	C	FORTALEZA	BRAZIL

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72389 C	FRESNO/AIR TERM., CA.	USA	89022 CT	HALLEY	U KINGDOM
71909 CT	FROBISHER BAY, N.W.T.	CANADA	94212 C	HALLS CREEK AIRPORT	AUSTRALIA
47807 CT	FUKUOKA	JAPAN	40030 C	HAMA	SYRIAN ARAB REP
91643 CT	FUNAFUTI	N ZEALAND	10147 C	HAMBURG-FUHLSUETTEL	GERMANY, FED REP
08522 CT	FUNCHAL	MADEIRA	52203 C	HAMI	CHINA
83746 T	GALEAO	BRAZIL	10338 CT	HANNOVER	GERMANY, FED REP
72242 C	GALVESTON, TX.	USA	23933 CT	HANTY-MANSIJSK	USSR
64454 C	GAMBOMA	CONGO	91944 CT	HAO	FRENCH POLY.
71803 C	GANDER INT. AIRPORT, NFLD.	CANADA	02196 C	HAPARANDA	SWEDEN
57993 C	GANZHOU	CHINA	34300 CT	HAR'KOV	USSR
61226 C	GAO	MALI	67774 T	HARARE (BELVEDERE)	ZIMBABWE
65522 C	GAOUA	BURKINA FASO	67775 C	HARARE (KUTSAGA OBSY.)	ZIMBABWE
63723 C	GARISSA	KENYA	02361 C	HARNOSAND	SWEDEN
64860 C	GAROUA	REP CAMEROON	72508 C	HARTFORD/BRADLEY INT., CT	USA
40405 C	GASSIM	SAUDI ARABIA	60581 C	HASSI-MESSAOUD	ALGERIA
42410 CT	GAUHATI	INDIA	20891 CT	HATANGA	USSR
80241 CT	GAVIOTAS	COLOMBIA	78988 CT	HATO AIRPORT, CURACAO	CURACAO BONAIRE
61099 C	GAYA	NIGER	72772 C	HELENA/COUNTY-CITY, MT.	USA
62752 C	GEDAREF	SUDAN	02974 C	HELSINKI-VANTAA	FINLAND
10628 C	GEISENHEIM	GERMANY, FED REP	62378 CT	HELWAN	EGYPT
87619 C	GENERAL ACHA	ARGENTINA	16754 CT	HERAKLION	GREECE
87532 C	GENERAL PICO AERO	ARGENTINA	40938 C	HERAT	AFGHANISTAN
89066 C	GENERAL SAN MARTIN B.E.	ARGENTINA	91945 C	HEREHERETUE	FRENCH POLY.
06700 C	GENEVE-COINTRIN	SWITZ. LIECH.	91753 C	HIHIFO (ILE WALLIS)	N CALEDONIA
89002 C	GEORG VON NEUMAYER	GERMANY, F.R.	91285 CT	HILO/GEN. LYMAN, HAWAII,	USA
68828 C	GEORGE AIRPORT	SOUTH AFRICA	47765 C	HIROSHIMA	JAPAN
81001 C	GEORGETOWN	GUYANA	04082 C	HJARDARNES	ICELAND
94403 C	GERALDTON AIRPORT	AUSTRALIA	48900 T	HO CHI MINH VILLE	VIET NAM
60566 C	GHARDAIA	ALGERIA	94975 CT	HOBART AIRPORT	AUSTRALIA
08495 CT	GIBRALTAR	GIBRALTAR	93614 C	HOKITIKA AERODROME	N ZEALAND
94461 CT	GILES	AUSTRALIA	61240 C	HOMBORI	MALI
93291 C	GISBORNE AERODROME	N ZEALAND	91517 T	HONIARA	SOLOMON ISLANDS
41140 C	GIZAN	SAUDI ARABIA	91520 C	HONIARA/HENDERSON	SOLOMON ISLANDS
94380 C	GLADSTONE	AUSTRALIA	91182 C	HONOLULU, OAHU, HAWAII	USA
72768 C	GLASGOW/INT., MT.	USA	08506 C	HORTA (ACORES)	PORTUGAL
20292 CT	GMO IM.E.K. FEDOROVA	USSR	23219 C	HOSEDA-HARD	USSR
43192 CT	GOA/PANJIM	INDIA	51828 C	HOTAN	CHINA
87880 C	GOBERNADOR GREGORES AERO	ARGENTINA	72243 C	HOUSTON/INTERCONTINENTAL, TX.	USA
04250 C	GOTHAB	DENMARK	78806 T	HOWARD AFB	PANAMA
09499 C	GOERLITZ	GERMAN DEM REP	84564 C	HUANUCO	PERU
63331 C	GONDAR	ETHIOPIA	72425 C	HUNTINGTON/TRI-STATE, WV.	USA
72465 C	GOODLAND/RENNER FIELD/, KS.	USA	72654 C	HURON/HURON REGIONAL, SD.	USA
71816 CT	GOOSE, NFLD.	CANADA	41765 C	HYDERABAD	PAKISTAN
02527 T	GOTEBOORG/LANDVETTER	SWEDEN	43128 CT	HYDERABAD AIRPORT	INDIA
02512 C	GOTEBOORG/SAVE	SWEDEN	47016 C	HYESAN	DPR KOREA
68906 CT	GOUGH ISLAND	SOUTH AFRICA	15090 C	IASI	ROMANIA
94150 CT	GOVE AIRPORT	AUSTRALIA	80214 C	IBAGUE/PERALES	COLOMBIA
72476 C	GRAND JUNCTION/WALKER F., CO.	USA	32411 C	ICA	USSR
72635 C	GRAND RAPIDS/KENT CO., MI.	USA	83821 C	IGUAPE	BRAZIL
78954 C	GRANTLEY ADAMS	BARBADOS	87097 C	IGUAZU AERO	ARGENTINA
11240 C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	61972 C	ILE EUROPA	FRANCE
72775 CT	GREAT FALLS/INT., MT.	USA	61970 C	ILE JUAN DE NOVA	FRANCE
72645 C	GREEN BAY/A.-STRAUBEL, WI.	USA	61968 C	ILES GLORIEUSES	FRANCE
72317 C	GREENSBORO/G.-HIGH PT., NC.	USA	25248 C	ILLIRNEJ	USSR
72312 C	GREENVILLE/GREENVILLE-SP., SC	USA	60640 C	ILLIZI	ALGERIA
09184 CT	GREIFSWALD	GERMAN DEM REP	98637 C	ILOILO	PHILIPPINES
76612 C	GUADALAJARA, JAL.	MEXICO	31416 C	IM POLINY OSIPENKO	USSR
87497 C	GUALEGUAYCHU AERO	ARGENTINA	64459 C	IMPFONDO	CONGO
91217 C	GUAM, MARIANA IS.	USA	60611 C	IN AMENAS	ALGERIA
76577 C	GUANAJUATO, GTO.	MEXICO	60630 CT	IN SALAH	ALGERIA
59287 CT	GUANGZHOU	CHINA	47112 C	INCHON	REP KOREA
84203 C	GUAYAQUIL/SIMON BOLIVAR	ECUADOR	72438 C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
02128 C	GUNNARN	SWEDEN	42754 C	INDORE	INDIA
35700 CT	GUR'EV	USSR	67323 C	INHAMBAANE	MOZAMBIQUE
40360 C	GURIAT	SAUDI ARABIA	11120 C	INNSBRUCK-FLUGHAFEN	AUSTRIA
40250 C	H-4 'IRWAISHED'	JORDAN	72747 CT	INT. FALLS/FALLS INT., MN,	USA
48820 CT	HA NOI	VIET NAM	71907 CT	INUJKUAK, QUE	CANADA
31735 CT	HABAROVSK	USSR	71957 CT	INUVIK, N.W.T.	CANADA
47678 C	HACHIJ JOIMA	JAPAN	93844 CT	INVERCARGILL AERODROME	N ZEALAND
47678 T	HACHIJ JOIMA/OMURE	JAPAN	80370 C	IPIALES/SAN LUIS	COLOMBIA
47069 C	HAEJU	DPR KOREA	84377 C	IQUITOS	PERU
40373 C	HAFR AL-BATIN	SAUDI ARABIA	30710 C	IRKUTSK	USSR
59758 C	HAIKOU	CHINA	47918 CT	ISHIGAKIJIMA	JAPAN
40394 CT	HAIL	SAUDI ARABIA	85469 C	ISLA DE PASCUA	CHILE
50527 CT	HAILAR	CHINA	85585 C	ISLA ROBINSON CRUSOE	CHILE
71081 CT	HALL BEACH, N.W.T.	CANADA	88968 C	ISLAS ORCADAS D.N. (OBS.)	ARGENTINA

STATION LIST RECENT DATA

17240	CT	ISPARTA	TURKEY	41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA
17062	CT	ISTANBUL/GOZTEPE	TURKEY	62721	CT	KHARTOUM	SUDAN
17220	CT	IZMIR	TURKEY	61214	C	KIDAL	MALI
84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR	33345	CT	KIEV	USSR
47800	C	IZHARA	JAPAN	61498	C	KIFFA	MAURITANIA
87305	C	JACHAL	ARGENTINA	64387	C	KIGALI	RWANDA
72235	C	JACKSON/ALLEN C. THOMP., MS.	USA	68438	C	KIMBERLEY	SOUTH AFRICA
72206	C	JACKSONVILLE/INT., FL.	USA	47025	C	KIMCHAEK	DPR KOREA
41715	C	JACOBABAD	PAKISTAN	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
43041	C	JAGDALPUR	INDIA	70326	C	KING SALMON, AK.	USA
24959	CT	JAKUTSK	USSR	45004	T	KING'S PARK	HONG KONG
01001	CT	JAN MAYEN	NORWAY	78397	CT	KINGSTON/NORMAN MANLEY	JAMAICA
68368	C	JAN SMUTS	SOUTH AFRICA	30230	CT	KIRENSK	USSR
96791	C	JATIWANGI	INDONESIA	27196	C	KIROV	USSR
41024	CT	JEDDAH(KING ABDUL AZIZ IAP)	SAUDI ARABIA	61270	C	KITA	MALI
40184	C	JERUSALEM	ISRAEL	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
41598	C	JHELUM	PAKISTAN	72326	C	KNOXVILLE/MUN., TN.	USA
60351	C	JIEL	ALGERIA	06181	T	KOBENHAVN/JAEGERSBORG	DENMARK
63402	C	JIMMA	ETHIOPIA	06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK
52533	C	JIUQUAN	CHINA	47893	C	KOCHI	JAPAN
41756	C	JIWANI	PAKISTAN	61698	C	KOLDA	SENEGAL
42339	CT	JOODHPUR	INDIA	29231	CT	KOLPASEV	USSR
02963	CT	JOKIOINEN	FINLAND	10929	C	KONSTANZ	GERMANY, FED REP
02550	C	JONKOPING FLYGPLATS	SWEDEN	25954	CT	KORF	USSR
78762	CT	JUAN SANTAMARIA	COSTA RICA	91408	C	KOROR, PALAU IS.	USA
84474	C	JUANJUI	PERU	62772	C	KOSTI	SUDAN
62941	C	JUBA	SUDAN	42452	C	KOTA AERODROME	INDIA
83692	C	JUIZ DE FORA	BRAZIL	48615	CT	KOTA BHARU	MALAYSIA
87046	C	JUJUY AERO	ARGENTINA	96471	CT	KOTA KINABALU	MALAYSIA
84735	C	JULIACA	PERU	70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUST.	91577	C	KOUUMAC (NLLE-CALEDONIE)	N CALEDONIA
87548	C	JUNIN-AERO	ARGENTINA	64893	C	KOUNDJA	REP CAMEROON
32150	CT	JUZNOSAHLINSK	USSR	61293	C	KOUTIALA	MALI
02935	CT	JYVASKYLA	FINLAND	43314	C	KOZHIKODE	INDIA
40948	CT	KABUL AIRPORT	AFGHANISTAN	29574	CT	KRASNOJARSK	USSR
67663	C	KABWE	ZAMBIA	38507	C	KRASNOVOISK	USSR
62810	C	KADUGLI	SUDAN	64971	C	KRIBI	CAMEROON
47827	C	KAGOSHIMA	JAPAN	48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA
47827	T	KAGOSHIMA/YOSHINO	JAPAN	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
97760	C	KAIMANA/UTAROM	INDONESIA	48657	CT	KUANTAN	MALAYSIA
93012	CT	KAITAIA	N ZEALAND	96413	CT	KUCHING	MALAYSIA
02897	C	KAJAAANI	FINLAND	62271	C	KUFRA	LIBYAN ARAB JAMAHIRI
30469	C	KALAKAN	USSR	56778	CT	KUNMING	CHINA
16726	C	KALAMATA	GREECE	28952	CT	KUSTANAJ	USSR
94637	CT	KALGOORLIE AIRPORT	AUSTRALIA	71906	CT	KUUJJUAQ, QUE.	CANADA
25744	C	KAMENSKOE	USSR	40582	CT	KUWAIT INT. AIRPORT	KUWAIT
40001	C	KAMISHLI	SYRIAN ARAB REP	91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA
67586	C	KAMUZU INTL.	MALAWI	33393	CT	L'VOV	USSR
64235	C	KANANGA	ZAIRE	08001	CT	LA CORUNA	SPAIN
47605	C	KANAZAWA	JAPAN	71823	T	LA GRANDE IV	CANADA
40990	C	KANDAHAR AIRPORT	AFGHANISTAN	80405	C	LA ORCHILA	VENEZUELA
65306	C	KANDI	BENIN	76405	C	LA PAZ, B.C.S.	MEXICO
47105	C	KANGNUNG	REP. KOREA	85201	C	LA PAZ/ALTO	BOLIVIA
22165	C	KANIN NOS	USSR	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
72446	C	KANSAS CITY, INT., MO.	USA	87217	C	LA RIOJA AERO.	ARGENTINA
61679	C	KAOLACK	SENEGAL	85488	C	LA SERENA	CHILE
71831	C	KAPUSKASING, ONT.	CANADA	87534	C	LABOULAYE	ARGENTINA
41780	CT	KARACHI AIRPORT	PAKISTAN	68476	C	LADYSMITH	SOUTH AFRICA
35394	CT	KARAGANDA	USSR	60545	C	LAGHOUAT	ALGERIA
02080	C	KARESUANDO	SWEDEN	87903	C	LAGO ARGENTINO AERO	ARGENTINA
02418	C	KARLSTAD FLYGPLATS	SWEDEN	41640	C	LAHORE CITY	PAKISTAN
67475	C	KASAMA	ZAMBIA	08509	T	LAJES (ACORES)	PORTUGAL
51709	C	KASHI	CHINA	72240	C	LAKE CHARLES/MUN., LA.	USA
62730	C	KASSALA	SUDAN	64551	C	LAMBARENE	GABON
10438	C	KASSEL	GERMANY, FED REP	72576	C	LANDER/HUNT, WY.	USA
17074	C	KASTAMONU	TURKEY	52889	CT	LANZHOU	CHINA
44454	C	KATHMANDU AIRPORT	NEPAL	98223	C	LAOAG	PHILIPPINES
26629	CT	KAUNAS	USSR	16648	C	LARISSA	GREECE
61257	C	KAYES	MALI	87078	C	LAST EOMITAS	ARGENTINA
27595	CT	KAZAN'	USSR	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
61699	C	KEDOUGOU	SENEGAL	40022	C	LATTAKIA	SYRIAN ARAB REP
04018	CT	KEFLAVIK	ICELAND	94865	CT	LAVERTON AERODROME	AUSTRALIA
61285	C	KENIEBA	MALI	78925	C	LE LAMENTIN	MARTINIQUE
16641	C	KERKYRA	GREECE	78897	CT	LE RAIZET, GUADELOUPE	ST. MARTIN, ST. BARTH.
40841	C	KERMAN	IRAN, ISLAMIC REP	94302	C	LEARMONTH AIRPORT	AUSTRALIA
72201	C	KEY WEST/INT., FL.	USA	12120	CT	LEBA	POLAND

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03257	C	LEEMING	U KINGDOM	43413	C	MANNAR	SRI LANKA
98444	C	LEGASPI	PHILIPPINES	97530	C	MANOKWARI/RENDANI	INDONESIA
12374	T	LEGIONOWO	POLAND	76654	C	MANZANILLO, COL.	MEXICO
09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP	67341	C	MAPUTO/MAYALANE	MOZAMBIQUE
26063	CT	LENINGRAD (TOWN/VILLE)	USSR	87774	C	MAQUINCHAO	ARGENTINA
03005	CT	LERWICK	U KINGDOM	87692	C	MAR DEL PLATA AERO	ARGENTINA
71874	C	LETHBRIDGE, ALTA.	CANADA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
80398	C	LETICIA/VASQUEZ COBO	COLOMBIA	61080	C	MARADI	NIGER
72422	C	LEXINGTON/BLUE GRASS, KY.	USA	87467	C	MARCOS JUAREZ AERO	ARGENTINA
55591	CT	LHASA	CHINA	16325	C	MARINA DI GINOSA	ITALY
64500	C	LIBREVILLE	GABON	68994	CT	MARION ISLAND	SOUTH AFRICA
67217	C	LICHINGA	MOZAMBIQUE	86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY
91165	CT	LIHUE, KAUAI, HAWAII	USA	64851	C	MAROUA-SALAK	REP CAMEROON
84628	C	LIMA-CALLAO/AEROP. INT.	PERU	72743	C	MARQUETTE, MI.	USA
07434	C	LIMOGES	FRANCE	07650	C	MARSEILLE/MARIGNANE	FRANCE
09393	CT	LINDENBERG	GERMAN DEM REP	61996	CT	MARTIN DE VIVIES(ILE AMST.)	FRANCE
61627	C	LINGUERE	SENEGAL	60507	C	MASCARA GRISS	ALGERIA
08535	C	LISBOA	PORTUGAL	41288	C	MASIRAH	OMAN
08579	T	LISBOA/GAGO COUTINHO	PORTUGAL	61630	C	MATAM	SENEGAL
67743	C	LIVINGSTONE	ZAMBIA	47618	C	MATSUMOTO	JAPAN
13015	C	LJUBLJANA/BEZIGRAD	YUGOSLAVIA	64503	C	MAYUMBA	GABON
84270	C	LOJA/LA ARGELIA	ECUADOR	40911	C	MAZAR-I-SHARIF	AFGHANISTAN
15511	C	LOM	BULGARIA	64247	C	MBUJI-MAYI	ZAIRE
65387	C	LOME	TOGO	70231	C	MCGRATH, AK.	USA
03776	C	LONDON/GATWICK AIRPORT	U KINGDOM	60549	C	MECHERIA	ALGERIA
83766	C	LONDrina	BRAZIL	72597	T	MEDFORD/MDFRD-JCSN CO., OR.	USA
94346	C	LONGREACH AIRPORT	AUSTRALIA	72597	C	MEDFORD/MEDFORD-JACKSON, OR.	USA
72247	T	LONGVIEW, TX.	USA	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
94995	CT	LORD HOWE ISLAND	AUSTRALIA	09548	CT	MEININGEN	GERMAN DEM REP
72295	C	LOS ANGELES/INT. CA.	USA	64545	C	MEKAMBO	GABON
64401	C	LOUBOMO	CONGO	60150	C	MEKNES	MOROCCO
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	86440	C	MELO	URUGUAY
48930	C	LUANG-PRABANG	LAO PDR	97014	CT	MENADO/DR. SAM RATULANGI	INDONESIA
72267	C	LUBBOCK/LUBBOCK INT., TX.	USA	61250	C	MENAKA	MALI
42369	T	LUCKNOW/AMAUSI	INDIA	87418	CT	MENDOZA AERO	ARGENTINA
06770	C	LUGANO	SWITZ. LIECH.	56985	C	MENGZI	CHINA
16597	C	LUQA	MALTA	08314	C	MENORCA/MAHON	SPAIN
67666	T	LUSAKA CITY AIRPORT	ZAMBIA	97980	C	MERAUKE/MOPAH	INDONESIA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	86490	C	MERCEDES	URUGUAY
07480	C	LYON/BRON	FRANCE	80436	C	MERIDA	VENUEZUELA
07481	T	LYON/SATOLAS	FRANCE	72234	C	MERIDIAN/KEY, MS.	USA
60467	C	M'SILA	ALGERIA	62306	C	MERSA MATRUH	EGYPT
40310	C	MA'AN	JORDAN	16420	C	MESSINA	ITALY
45011	C	MACAO	MACAU	72202	C	MIAMI, FL	USA
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	72265	C	MIDLAND/MIDLAND REG., TX	USA
94367	C	MACKAY	AUSTRALIA	91066	T	MIDWAY ISLAND	USA
72217	C	MACON/LEWIS B. WILSON, GA.	USA	99090	CT	MIKE	OCEAN WEATHER STATIO
94998	CT	MACQUARIE ISLAND	AUSTRALIA	84202	C	MILAGRO	ECUADOR
98646	C	MACTAN	PHILIPPINES	16080	T	MILANO/LINATE	ITALY
40430	CT	MADINAH	SAUDI ARABIA	94693	C	MILDURA AIRPORT	AUSTRALIA
72641	C	MADISON/DANE COUNTY REG., WI.	USA	60430	C	MILIANA	ALGERIA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA
08222	C	MADRID	SPAIN	47945	CT	MINAMIDAITOJIMA	JAPAN
08221	T	MADRID/BARAJAS	SPAIN	47991	CT	MINAMITORISHIMA	JAPAN
47624	C	MAEBASHI	JAPAN	43369	CT	MINICOY	INDIA
40265	T	MAFRAO	JORDAN	72658	C	MINNEAPOLIS/ST. PAUL INT., MN.	USA
61091	C	MAGARIA	NIGER	26850	CT	MINSK	USSR
85114	C	MAGDALENA	BOLIVIA	29866	C	MINUSINSK	USSR
60522	C	MAGHNIA	ALGERIA	12772	C	MISKOLC	HUNGARY
61096	C	MAINE-SOROA	NIGER	72773	C	MISSOULA/JOHNSON-BELL F., MT.	USA
91376	C	MAJURO/MARSHALL IS. INT.	USA	64552	C	MITZIC	GABON
41030	C	MAKKAH	SAUDI ARABIA	47585	C	MIYAKO	JAPAN
48665	C	MALACCA	MALAYSIA	47927	C	MIYAKOJIMA	JAPAN
87506	C	MALARGUE AERO	ARGENTINA	47830	C	MIYAZAKI	JAPAN
03980	C	MALIN HEAD	IRELAND	64565	C	MOANDA	GABON
63799	C	MALINDI	KENYA	72223	C	MOBILE/BATES FIELD, AL.	USA
64890	C	MAMFE	REP CAMEROON	63260	C	MOGADISCIO	SOMALIA
78741	C	MANAGUA A.C. SANDINO	NICARAGUA	30673	C	MOGOKA	USSR
82331	C	MANAUS	BRAZIL	47165	C	MOKP'O	REP KOREA
82332	T	MANAUS (AEROPORTO)	BRAZIL	72544	C	MOLINE/QUAD CITY, IL.	USA
03334	C	MANCHESTER AIRPORT	U KINGDOM	72349	T	MONETT, MO.	USA
48042	C	MANDALAY	BURMA	64758	C	MONGO	CHAD
44341	C	MANDALGOV	MONGOLIA	67633	C	MONGU	ZAMBIA
65352	C	MANGO	TOGO	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
98429	C	MANILA INT. AIRPORT	PHILIPPINES	76393	C	MONTERREY, N.L.	MEXICO
71722	CT	MANIWAKI, QUE.	CANADA	83437	C	MONTES CLAROS	BRAZIL

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72226	C	MONTGOMERY/DANNELLY, AL.	USA	94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA
71627	C	MONTREAL INT.AIRPORT, QUE	CANADA	72308	C	NORFOLK/INT., VA.	USA
71836	CT	MOOSONEE, ONT.	CANADA	72556	C	NORFOLK/KARL STEFAN, NE.	USA
61265	C	MOPTI	MALI	71043	CT	NORMAN WELLS, N.W.T.	CANADA
94527	CT	MOREE	AUSTRALIA	71731	C	NORTH BAY, ONT.	CANADA
76665	C	MORELIA, MICH.	MEXICO	72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA
27612	CT	MOSKVA	USSR	61415	CT	NOUADHIBOU	MAURITANIA
60457	C	MOSTAGANEM	ALGERIA	61442	C	NOUAKCHOTT	MAURITANIA
71072	CT	MOULD BAY A, N.W.T.	CANADA	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
64706	C	MOUNDOU	CHAD	10763	C	NUERNBERG	GERMANY, FED REP
64402	C	MOUYONDZI	CONGO	84132	C	NUEVO ROCAFUERTE	ECUADOR
63619	C	MOYALE	KENYA	76775	C	OAXACA, OAX.	MEXICO
84435	C	MOYOAMBABA	PERU	64659	C	OBO	CENTRAL AFRICAN REP
94821	CT	MT GAMBIER AIRPORT	AUSTRALIA	33837	CT	ODESSA	USSR
94332	CT	MT ISA AIRPORT	AUSTRALIA	31088	CT	OHOTSK	USSR
63971	C	MTWARA	U REP TANZANIA	47815	C	OITA	JAPAN
10868	T	MUENCHEN- OBERSCHLEISHEIM	GERMANY, FED REP	24698	C	OJMJAKON	USSR
10866	C	MUENCHEN-RIEM	GERMANY, FED REP	72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA
17292	C	MUGLA	TURKEY	24125	CT	OLENEK	USSR
42147	C	MUKTESWAR KUMAON	INDIA	72792	C	OLYMPIA, WA.	USA
41675	C	MULTAN	PAKISTAN	47655	C	OMAEZAKI	JAPAN
44231	C	MUREN	MONGOLIA	72553	C	OMAHA, NE.	USA
22113	CT	MURMANSK	USSR	28698	CT	OMSK	USSR
72636	C	MUSKEGON/COUNTY, MI.	USA	87016	C	ORAN AERO	ARGENTINA
63756	C	MWANZA	U REP TANZANIA	60490	C	ORAN/ES SENIA	ALGERIA
23146	CT	MYS KAMENNYJ	USSR	35121	CT	ORENBURG	USSR
25173	CT	MYS SMIDTA	USSR	01241	T	ORLAND	NORWAY
25399	C	MYS UELEN	USSR	01241	C	ORLAND III	NORWAY
64654	C	N'DELE	CENTRAL AFRICAN REP	72205	C	ORLANDO/JETPORT/ FL.	USA
61049	C	N'GUIGMI	NIGER	85242	C	ORURO	BOLIVIA
72340	C	N. LITTLE ROCK/MUN.APRT., AR.	USA	47772	C	OSAKA	JAPAN
47817	C	NAGASAKI	JAPAN	01384	CT	OSLO/GARDERMOEN	NORWAY
47636	C	NAGOYA	JAPAN	02226	C	OSTERSUND/FROSON	SWEDEN
42867	CT	NAGPUR SONEGAON	INDIA	11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA
47936	C	NAHA	JAPAN	21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR
47936	T	NAHA/KAGAMIZU	JAPAN	20674	CT	OSTROV DIKSON	USSR
63741	T	NAIROBI/DAGORETTI	KENYA	21432	CT	OSTROV KOTEL'NYJ	USSR
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	20069	C	OSTROV VIZE	USSR
41128	C	NAJRAN	SAUDI ARABIA	65503	C	OUAGADOUGOU	BURKINA FASO
48431	C	NAKHON RATCHASIMA	THAILAND	65502	C	OUAHIGOUYA	BURKINA FASO
48400	C	NAKHON SAWAN	THAILAND	64458	C	OUESO	CONGO
67237	C	NAMPULA	MOZAMBIQUE	96163	C	PADANG/TABING	INDONESIA
58606	C	NANCHANG	CHINA	91765	T	PAGO PAGO/INT. AIRPORT	USA
07180	CT	NANCY/ESSEY	FRANCE	96109	C	RAKANBARU/SIMPANGTIKA	INDONESIA
91680	CT	NANDI	FIJI	48955	C	PAKSE	LAO PDR
59431	C	NANNING	CHINA	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
07222	C	NANTES	FRANCE	08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN
16289	C	NAPOLI/CAPODICHINO	ITALY	08302	T	PALMA/SON BONET	SPAIN
23205	CT	NAR'JAN-MAR	USSR	40061	C	PALMYRA	SYRIAN ARAB REP
04270	T	NASSARSSUAQ	DENMARK	97072	C	PALU/MUTIARA	INDONESIA
72327	CT	NASHVILLE/OLD HICKORY, TN.	USA	43363	C	PAMBAN	INDIA
78073	CT	NASSAU AIRPORT	BAHAMAS	43285	T	PANAMBUR	INDIA
82599	T	NATAL	BRAZIL	96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA
65319	C	NATTINGOU	BENIN	41739	C	PANJGUR	PAKISTAN
91683	C	NAUSORI	FIJI	41560	C	PARACHINAR	PAKISTAN
47909	C	NAZE	JAPAN	65330	C	PARAKOU	BENIN
47909	T	NAZE/FUNCHATOGE	JAPAN	87374	C	PARANA AERO	ARGENTINA
64700	C	NDJAMENA	CHAD	07150	C	PARIS/LE BOURGET	FRANCE
80315	C	NEIVA/LA MANGUITA	COLOMBIA	87814	C	PASO DE INDIOS	ARGENTINA
61497	C	NEMA	MAURITANIA	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
47420	CT	NEMURO	JAPAN	86460	C	PASO DE LOS TOROS	URUGUAY
87715	CT	NEUQUEN AERO	ARGENTINA	80342	C	PASTO/ANTONIO NARINO	COLOMBIA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	06610	T	PAYERNE	SWITZ. LIECH.
72231	C	NEW ORLEANS, LA	USA	12942	C	PECS	HUNGARY
93308	C	NEW PLYMOUTH AERODROME	N ZEALAND	87544	C	PEHUAJO AERO	ARGENTINA
72503	C	NEW YORK/LA GUARDIA, NY.	USA	91554	C	PEKO A AIRPORT/ESPIRITU-SANTO	VANUATU
64870	C	NGAOUNDERE	REP CAMEROON	67215	C	PEMBA	MOZAMBIQUE
61052	CT	NIAMEY-AERO	NIGER	48601	CT	PENANG/BAYAN LEPAS	MALAYSIA
07690	C	NICE	FRANCE	72688	C	PENDLETON, OR.	USA
47604	C	NIIGATA	JAPAN	72532	C	PEORIA/GREATER PEORIA, IL.	USA
32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR	80210	C	PEREIRA/MATECANA	COLOMBIA
31369	C	NIKOLAEVSK-NA-AMURE	USSR	28225	C	PERM	USSR
07645	CT	NIMES/COURBESSAC	FRANCE	07747	C	PERPIGNAN	FRANCE
61230	C	NIORO DU SAHEL	MALI	94610	CT	PERTH AIRPORT	AUSTRALIA
23724	C	NJAKSIMVOL'	USSR	16230	C	PESCARA	ITALY
70200	CT	NOME, AK.	USA	41530	CT	PESHAWAR	PAKISTAN

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82983	C	PETROLINA	BRAZIL	41660	C	QUETTA AIRPORT	PAKISTAN
32540	CT	PETROPAVLOSK-KAMCHATKIJ	USSR	80144	C	QUIBDO/EL CARANO	COLOMBIA
72408	C	PHILADELPHIA/INT., PA.	USA	72797	CT	QUILLAYUTE, WA.	USA
48378	C	PHITSANULOK	THAILAND	82586	C	QUIXERAMOBIM	BRAZIL
72278	C	PHOENIX/SKY HARBOR INT., AZ.	USA	40362	C	RAFHA	SAUDI ARABIA
78970	CT	PIARCO INT. AIRPORT/TRINIDAD	TRINIDAD	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
84140	C	PICHILINGUE	ECUADOR	93997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND
68174	CT	PIETERSBURG	SOUTH AFRICA	91958	CT	RAPA	FRENCH POLY.
87679	C	PIGUE AERO	ARGENTINA	72662	C	RAPID CITY/REG., SD.	USA
86255	C	PILAR	PARAGUAY	91843	CT	RAROTONGA	N ZEALAND
87349	C	PILAR OBSERVATORIO	ARGENTINA	22602	C	REBOLY	USSR
16158	C	PISA/S. GIUSTO	ITALY	82900	CT	RECIFE (CURADO)	BRAZIL
84691	C	PISCO	PERU	87270	C	RECONQUISTA AERO	ARGENTINA
72520	C	RITTISBURGH/GREATER PITT., PA.	USA	71863	C	REGINA/SASK.	CANADA
84401	C	PIURA	PERU	96171	C	RENGAT/JAPURA	INDONESIA
37050	C	PJATIGORSK	USSR	72488	C	RENO/INT., NV.	USA
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	87155	CT	RESISTENCIA AERO	ARGENTINA
03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM	71924	CT	RESOLUTE,N.W.T.	CANADA
72578	C	POCATELLO/NUM., ID.	USA	04030	C	REYKJAVIK	ICELAND
61612	C	PODOR	SENEGAL	85043	C	RIBERALTA	BOLIVIA
47138	T	POHANG	REP KOREA	72401	C	RICHMOND/BYRD, VA.	USA
64400	C	POINTE-NOIRE	CONGO	91948	C	RIKITEA	FRENCH POLY.
20046	TC	POLAR GMO IM.E.T. KRENKELJA	USSR	82915	C	RIO BRANCO	BRAZIL
91348	C	PONAPE, CAROLINE ISLANDS.	USA	87736	C	RIO COLORADO	ARGENTINA
08513	C	PONTA DELGADA (ACORES)	PORTUGAL	87453	C	RIO CUARTO AERO	ARGENTINA
83702	C	PONTA PORA	BRAZIL	83743	C	RIO DE JANEIRO	BRAZIL
43063	C	POONA	INDIA	87925	C	RIO GALLEGOS AERO	ARGENTINA
11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA	87934	C	RIO GRANDE B.A.	ARGENTINA
11934	C	POPRAD/TATRY	CZECHOSLOVAKIA	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
43333	CT	PORT BLAIR	INDIA	87065	C	RIVADAVIA	ARGENTINA
60842	CT	PORT ELIZABETH	SOUTH AFRICA	40438	C	RIYADH	SAUDI ARABIA
71109	CT	PORT HARDY,B.C.	CANADA	72411	C	ROANOKE/MUN., VA.	USA
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	65660	C	ROBERTS FIELD	LIBERIA
62641	C	PORT SUDAN	SUDAN	85268	C	ROBORE	BOLIVIA
61998	CT	PORT-AUX-FRANCAIS(ILES KER.)	FRANCE	86565	C	ROCHA	URUGUAY
72606	C	PORTLAND/INT. JET PORT, ME.	USA	72644	C	ROCHESTER/MUN., MN.	USA
72698	C	PORTLAND/INT., OR.	USA	72529	C	ROCHESTER/ROCHESTER-MON., NY.	USA
83967	C	PORTO ALEGRE	BRAZIL	61988	C	RODRIGUES	MAURITIUS
83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL	16242	C	ROMA/FIUMICINO	ITALY
83064	C	PORTO NACIONAL	BRAZIL	06190	C	RONNE	DENMARK
84135	C	PORTO VIEJO-GRANJA	ECUADOR	87480	C	ROSARIO AERO	ARGENTINA
08546	C	PORTO/SERRA DO PILAR	PORTUGAL	34731	CT	ROSTOV-NA-DONU	USSR
87178	C	POSADAS AERO.	ARGENTINA	45005	C	ROYAL OBSERVATORY	HONG KONG
09379	C	POTSDAM	GERMAN DEM REP	51777	C	RUOQIANG	CHINA
12330	CT	POZNAN	POLAND	85141	C	RURRENABAQUE	BOLIVIA
48500	C	PRACHUAP KHIRIKHAN	THAILAND	89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA
11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA	82106	C	S.GABRIEL DO CACHOEIRA(UAU.)	BRAZIL
11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA	71600	CT	SABLE ISLAND,N.S.	CANADA
16245	T	PRATICA DI MARE	ITALY	72483	C	SACRAMENTO/EXECUTIVE, CA.	USA
87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA	06680	C	SAENTIS	SWITZ. LIECH.
68262	C	PRETORIA	SOUTH AFRICA	42671	C	SAGAR	INDIA
68263	T	PRETORIA (IRENE)	SOUTH AFRICA	44354	C	SAINSHAND	MONGOLIA
71896	CT	PRINCE GEORGE,B.C.	CANADA	61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE
72507	C	PROVIDENCE/GREEN STATE, RI.	USA	61600	C	SAINT-LOUIS	SENEGAL
80002	C	PROVIDENCIA (ISLA)	COLOMBIA	71805	C	SAINT-PIERRE	ST. PIERRE MIQUELON
12695	C	PRZEMYSŁ	POLAND	08594	T	SAL	CAPE VERDE
84515	C	PUCALLPA	PERU	41316	CT	SALALAH	OMAN
80457	C	PUERTO AYACUCHO	VENEZUELA	23330	CT	SALEHARD	USSR
80139	C	PUERTO CARRENO	COLOMBIA	76833	C	SALINA CRUZ,OAX.	MEXICO
86086	C	PUERTO CASADO	PARAGUAY	72572	C	SALT LAKE CITY/INT., UT.	USA
87896	C	PUERTO DESEADO AERO	ARGENTINA	87047	CT	SALTA AERO	ARGENTINA
78767	C	PUERTO LIMON	COSTA RICA	86360	C	SALTO	URUGUAY
84658	C	PUERTO MALDONADO	PERU	83229	C	SALVADOR	BRAZIL
85799	C	PUERTO MONTT	CHILE	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
78457	C	PUERTO PLATA	DOMINICAN REP	35925	C	SAM	USSR
86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY	17030	CT	SAMSUN	TURKEY
85289	C	PUERTO SUAREZ	BOLIVIA	61277	C	SAN	MALI
85934	C	PUNTA ARENAS	CHILE	80001	CT	SAN ANDRES (ISLA)	COLOMBIA
87596	C	PUNTA INDIO B.A.	ARGENTINA	72263	C	SAN ANGELO/MATHIS, TX.	USA
78760	C	PUNTARENAS	COSTA RICA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
47159	C	PUSAN	REP KOREA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
47058	CT	PYONGYANG	DPR KOREA	72253	C	SAN ANTONIO/INT., TX.	USA
56137	C	QAMDO	CHINA	84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR
54857	C	QINGDAO	CHINA	72290	C	SAN DIEGO/LINDBERGH, CA.	USA
50745	C	QIOIHAR	CHINA	72290	T	SAN DIEGO/MONTGOMERY FLD, CA.	USA
67283	C	QUELIMANE	MOZAMBIQUE	80450	C	SAN FERNANDO DE APURE	VENEZUELA

STATION LIST RECENT DATA

72494	C	SAN FRANCISCO/INT., CA.	USA	11903	C	SLIAC	CZECHOSLOVAKIA
85207	C	SAN IGNACIO DE VELASCO	BOLIVIA	76845	C	SN.CRISTOBAL LAS CASAS,CHIS	MEXICO
85104	C	SAN JOAQUIN	BOLIVIA	02836	CT	SODANKYLA	FINLAND
84721	C	SAN JUAN	PERU	15614	C	SOFIA (OBSERV.)	BULGARIA
87311	C	SAN JUAN AERO	ARGENTINA	65361	C	SOKODE	TOGO
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	63962	C	SONGEA	U REP TANZANIA
87909	C	SAN JULIAN AERO	ARGENTINA	48568	CT	SONGKHLA	THAILAND
87436	C	SAN LUIS AERO	ARGENTINA	11146	C	SONNBLICK	AUSTRIA
87509	C	SAN RAFAEL AERO	ARGENTINA	16746	C	SOUDA	GREECE
71101	C	SANDSPIT, B.C.	CANADA	72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA
85123	C	SANTA ANA	BOLIVIA	13334	C	SPLIT/MARJAN	YUGOSLAVIA
85245	C	SANTA CRUZ	BOLIVIA	72785	CT	SPOKANE/INT., WA.	USA
87912	C	SANTA CRUZ AERO	ARGENTINA	72439	C	SPRINGFIELD/CAPITAL, IL.	USA
60020	C	SANTA CRUZ DE TENE- RIFFE	SPAIN	72440	C	SPRINGFIELD/MUN., MO.	USA
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	42027	CT	SRINAGAR	INDIA
08515	C	SANTA MARIA (ACORES)	PORTUGAL	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
72394	C	SANTA MARIA/PUBLIC, CA.	USA	72655	T	ST. CLOUD/WHITNEY, MN.	USA
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	61901	CT	ST. HELENA IS.	U KINGDOM
87623	CT	SANTA ROSA AERO	ARGENTINA	72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	70308	C	ST. PAUL, AK.	USA
78486	C	SANTO DOMINGO	DOMINICAN REP	11028	C	ST. POELTEN	AUSTRIA
82668	C	SAO FELIX DO XINGU	BRAZIL	71801	T	ST. JOHN'S, NFLD.	CANADA
82280	C	SAO LUIZ	BRAZIL	83997	C	ST. VITORIA DO PALMAR	BRAZIL
83781	C	SAO PAULO	BRAZIL	01415	CT	STAVANGER/SOLA	NORWAY
83780	T	SAO PAULO (AEROPORTO)	BRAZIL	71815	TC	STEPHENVILLE, NFLD	CANADA
47412	CT	SAPPORO	JAPAN	02464	C	STOCKHOLM/BROMMA	SWEDEN
13354	C	SARAJEVO	YUGOSLAVIA	02465	T	STOCKHOLM/BROMMA	SWEDEN
34172	CT	SARATOV	USSR	03026	CT	STORMNOWAY	U KINGDOOM
41594	T	SARGODHA	PAKISTAN	07190	C	STRASBOURG	FRANCE
64750	C	SARH	CHAD	10739	CT	STUTTGART/SCHNARRENNBERG	GERMANY, FED REP
72734	C	SAULT STE. MARIE, MI.	USA	85283	C	SUCRE	BOLIVIA
97900	C	SAUMLAGI	INDONESIA	41062	C	SULAYEL	SAUDI ARABIA
72207	C	SAVANNAH/MUNICIPAL, GA.	USA	15360	C	SULINA	ROMANIA
65335	C	SAVE	BENIN	72429	T	SULPHUR GROVE, OH.	USA
10035	CT	SCHLESWIG	GERMANY, FED REP	97260	C	SUMBABA BESAR/SUMBAWA BESAR	INDONESIA
04339	T	SCORESBYSUND	DENMARK	02365	T	SUNDSVALL-HARNOSAND FLYGPLAT	SWEDEN
72793	C	SEATTLE/S.-TACOMA, WA.	USA	24738	C	SUNTAR	USSR
62124	C	SEBHA	LIBYAN ARAB JAMAHIRI	41268	C	SUR	OMAN
41256	C	SEEB, INTERNATIONAL AIRPORT	OMAN	96933	C	SURABAYA/PERAK	INDONESIA
61272	C	SEGOU	MALI	98653	C	SURIGAO	PHILIPPINES
25703	CT	SEJMCAN	USSR	01008	C	SVALBARD LUFTHAVN	NORWAY
96837	C	SEMARANG	INDONESIA	28440	CT	SVERDLOVSK	USSR
36177	C	SEMIPALATINSK	USSR	94767	C	SYDNEY AIRPORT	AUSTRALIA
47590	CT	SENDAI	JAPAN	71707	C	SYDNEY, N.S.	CANADA
62762	C	SENNAR.	SUDAN	23804	CT	SYKTYVKAR	USSR
48948	C	SENO	LAO PDR	89532	CT	SYOWA	JAPAN
71811	CT	SEPT-ILES, QUE.	CANADA	72519	C	SYRACUSE/HANCOCK, NY.	USA
61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE	12205	C	SZCZECIN	POLAND
60445	C	SETIF	ALGERIA	12982	CT	SZEGED	HUNGARY
08390	C	SEVILLA/TABLADA	SPAIN	65380	C	TABLIGBO	TOGO
63985	T	SEYCHELLES IAP.(RAW. STN)	SEYCHELLES	63832	C	TABORA AIRPORT	U REP TANZANIA
63980	C	SEYCHELLES INTL AIRPORT	SEYCHELLES	40375	CT	TABUK	SAUDI ARABIA
58367	CT	SHANGHAI	CHINA	98550	C	TACLOBAN	PHILIPPINES
03962	C	SHANNON AIRPORT	IRELAND	84782	C	TACNA	PERU
59316	C	SHANTOU	CHINA	98644	C	TAGBILARAN	PHILIPPINES
41136	C	SHARURAH	SAUDI ARABIA	91938	CT	TAHITI-FAAA	FRENCH POLY.
71601	C	SHEARWATER,N.S.	CANADA	61043	C	TAHOUA	NIGER
71399	T	SHELBYNE, N.S.	CANADA	58968	T	TAIBEI	CHINA
70414	T	SHEMYA AFB, AK.	USA	41036	C	TAIF	SAUDI ARABIA
54342	C	SHENYANG	CHINA	53772	C	TAIYUAN	CHINA
72666	C	SHERIDAN/COUNTY, WY.	USA	91943	C	TAKAROA	FRENCH POLY.
47898	C	SHIMIZU/ASHIZURI	JAPAN	84390	C	TALAR	PERU
47778	CT	SHIONOMISAKI	JAPAN	72214	C	TALLAHASSEE/MUN., FL.	USA
40848	C	SHIRAZ	IRAN, ISLAMIC REP	26038	C	TALLIN	USSR
72248	C	SHREVEPORT/REG., LA.	USA	60680	CT	TAMANRASSET	ALGERIA
15260	C	SIBIU	ROMANIA	67095	C	TAMATAVE	MADAGASCAR
96073	C	SIBOLGA/PINANGSORI	INDONESIA	61687	C	TAMBACOUNDA	SENEGAL
51297	C	SIKKASSO	MALI	38413	C	TAMDY	USSR
33946	C	SIMFEROPOL	USSR	72211	C	TAMPA/INT., FL.	USA
32195	C	SIMUSIR	USSR	76548	C	TAMPICO, TAMPS	MEXICO
48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE	87645	C	TANDIL AERO	ARGENTINA
47035	C	SINUJU	DPR KOREA	96091	C	TANJUNGPINANG/KIJANG	INDONESIA
72557	C	SIOUX CITY/MUN., IA.	USA	96509	C	TARAKAN/JUWATA	INDONESIA
72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA	91610	CT	TARAWA	N ZEALAND
17090	C	SIVAS	TURKEY	23552	C	TARKO-SALE	USSR
13586	C	SKOPJE-PETROVAC	YUGOSLAVIA	38457	CT	TASKENT	USSR

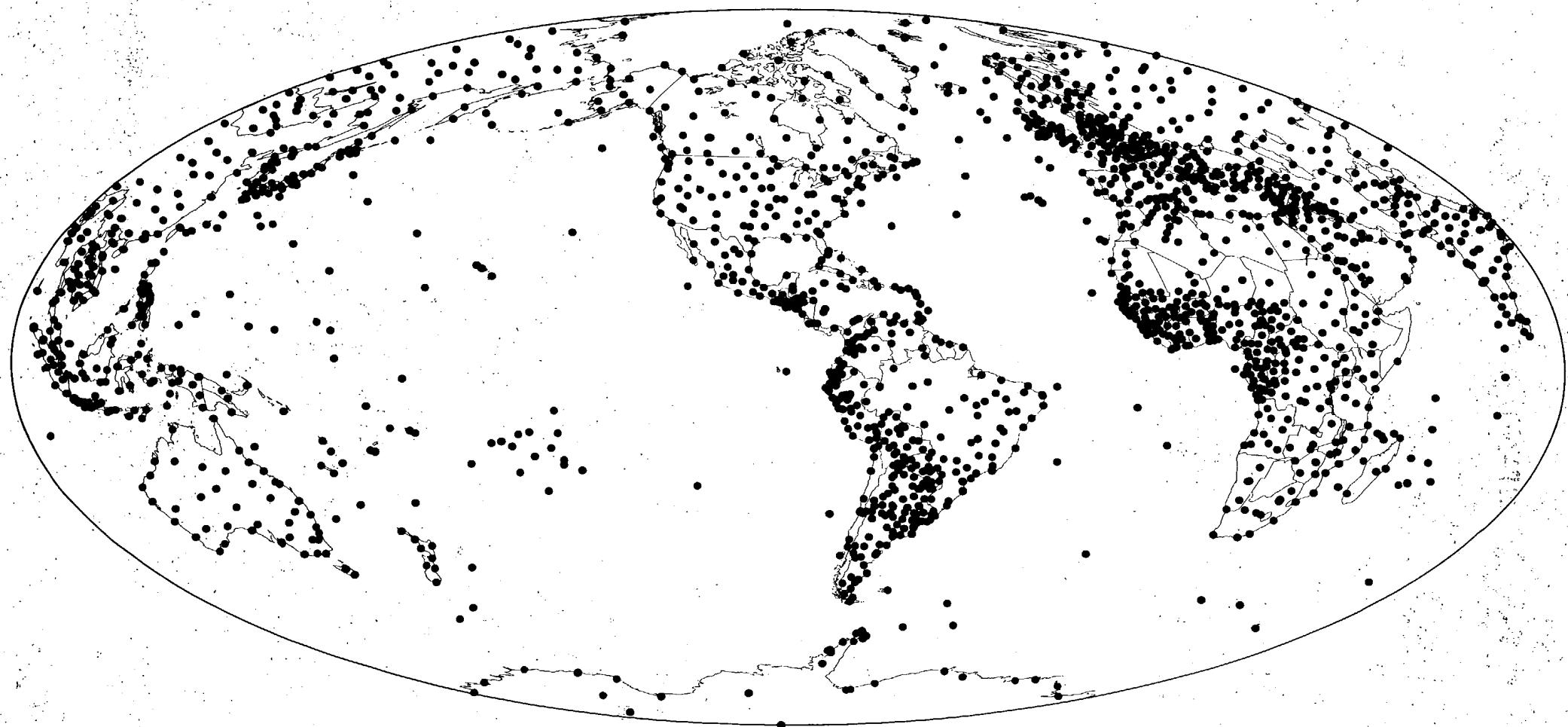
STATION LIST RECENT DATA

47646	T	TATENO	JAPAN	51463	CT	URUMQI	CHINA
96481	T	TAWAU	MALAYSIA	87938	C	USHUAIA B.A.	ARGENTINA
37549	CT	TBILISI	USSR	30635	C	UST'-BARGUZIN	USSR
96797	C	TEGAL	INDONESIA	25325	C	UST'-OLOJ	USSR
40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	02911	C	VAASA	FINLAND
96295	C	TELUKBETUNG/BERANTY	INDONESIA	85766	C	VALDIVIA	CHILE
56739	C	TENGCHONG	CHINA	03953	CT	VALENTIA OBSERVATORY	IRELAND
89053	C	TENIENTE JUBANY E.C.	ARGENTINA	08141	C	VALLADOLID	SPAIN
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	03302	C	VALLEY	U KINGDOM
61202	C	TESSALIT	MALI	71892	C	VANCOUVER INT. AIRPORT, BC	CANADA
67261	C	TETE	MOZAMBIQUE	01098	C	VARDO	NORWAY
71867	CT	THE PAS,MAN.	CANADA	15552	C	VARNA	BULGARIA
16622	C	THESSALONIKI/MIKRA	GREECE	26477	C	VELIKIE LUKI	USSR
06011	CT	THORSHAVN	DENMARK	16105	C	VENEZIA/TESSERA	ITALY
41314	C	THUMRAIT	OMAN	42909	C	VERAVAL	INDIA
94175	C	THURSDAY ISLAND	AUSTRALIA	24266	CT	VERHOJANSK	USSR
60511	C	TIARET	ALGERIA	71115	T	VERNON,B.C.	CANADA
61450	C	TIDJIKJA	MAURITANIA	16090	C	VERONA/VILLAFRANCA	ITALY
61036	C	TILLABERY	NIGER	72255	C	VICTORIA/VICTORIA REG., TX.	USA
81002	C	TIMEHRI	GUYANA	87791	C	VIEDMA AERO	ARGENTINA
15247	C	TIMISOARA	ROMANIA	48940	C	VIENTIANE	LAO PDR
60656	C	TINDOUF	ALGERIA	83208	C	VILHENA	BRAZIL
84534	C	TINGO MARIA	PERU	24641	C	VILJUJSK	USSR
03100	C	TIREE	U KINGDOM	87328	C	VILLA DOLORES AERO	ARGENTINA
13462	C	TIROGRAD/GOLUBOVCI	YUGOSLAVIA	87448	C	VILLA REYNOLDS AERO	ARGENTINA
60531	C	TLEMCEN (ZENATA)	ALGERIA	86233	C	VILLARRICA	PARAGUAY
28275	C	TOBOL'SK	USSR	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
47662	C	TOKYO	JAPAN	48845	C	VINH	VIET NAM
72536	C	TOLEDO/EXPRESS, OH.	USA	02590	C	VISBY FLYGPLATS	SWEDEN
61223	C	TOMBOUCTOU	MALI	43149	C	VISHAKHAPATNAM	INDIA
72456	C	TOPEKA/MUN., KS.	USA	31960	CT	VLADIVOSTOK	USSR
71624	C	TORONTO INT.AIRPORT ONT.	CANADA	27037	CT	VOLODGA	USSR
76382	C	TORREON, COAH.	MEXICO	34122	C	VORONEZ	USSR
60555	C	TOUGOURT	ALGERIA	22837	C	VYTEGRA	USSR
07630	C	TOULOUSE/BLAGNAC	FRANCE	72256	C	WACO, MADISON-COOPER, TX.	USA
94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA	62751	C	WAD MEDANI	SUDAN
16429	CT	TRAPANI/BIRGI	ITALY	03377	C	WADDINGTON	U KINGDOM
07145	T	TRAPPES	FRANCE	94910	CT	WAGGA AIRPORT	AUSTRALIA
86500	C	TREINTA Y TRES	URUGUAY	97340	C	WAINGAPU/MAU HAU	INDONESIA
87828	C	TRELEW AERO	ARGENTINA	47600	CT	WAJIMA	JAPAN
87688	C	TRES ARROYOS	ARGENTINA	47401	CT	WAKKANAI	JAPAN
83618	C	TRES LAGOAS	BRAZIL	97686	C	WAMENA/WAMENA	INDONESIA
16110	C	TRIESTE	ITALY	09170	C	WARNEMUENDE	GERMAN DEM REP
83650	T	TRINDADE (ILHA)	BRAZIL	12375	C	WARSZAWA-OKECIE	POLAND
85154	C	TRINIDAD	BOLIVIA	72405	C	WASHINGTON/NAT., VA.	USA
62010	C	TRIPOLI INT. AIRPORT	LIBYAN ARAB JAMAHIRI	72403	T	WASHINGTON/STERLING, VA.	USA
43371	CT	TRIVANDRUM	INDIA	40400	C	WEJH	SAUDI ARABIA
01025	C	TROMSO/LANGNES	NORWAY	93434	C	WELLINGTON	N ZEALAND
84501	C	TRUJILLO	PERU	72203	C	WEST PALM BEACH/INT., FL.	USA
91334	CT	TRUK, CAROLINE IS.	USA	71964	CT	WHITEHORSE,Y.T.	CANADA
91954	C	TUBuai	FRENCH POLY.	72450	C	WICHITA, KS.	USA
72274	C	TUCSON/INT., AZ.	USA	61902	T	WIDE AWAKE FIELD (ASCEN.IS)	USA
87121	C	TUCUMAN AERO	ARGENTINA	11035	CT	WIEN/HOHE WARTE	AUSTRIA
98233	C	TUGUEGARAO	PHILIPPINES	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
67161	C	TULEAR	MADAGASCAR	94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
72356	C	TULSA/INT., OK.	USA	94299	CT	WILLIS ISLAND	AUSTRALIA
80337	C	TUMACO/EL MIRA	COLOMBIA	72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
84370	C	TUMBES	PERU	72583	C	WINNEMUCCA/MUN., NV.	USA
60715	C	TUNIS CARTHAGE	TUNISIA	71852	C	WINNIPEG INT.AIRPORT, MAN	CANADA
24507	CT	TURA	USSR	12497	C	WLODAWA	POLAND
40356	C	TURAIF	SAUDI ARABIA	47055	C	WONSAN	DPR KOREA
35358	C	TURGAJ	USSR	94659	CT	WOOMERA AERODROME	AUSTRALIA
02972	C	TURKU	FINLAND	12425	T	WROCŁAW I	POLAND
23472	CT	TURUHANSK	USSR	12424	C	WROCŁAW II	POLAND
48407	T	UBON RATCHATHANI	THAILAND	57036	C	XI'AN	CHINA
06447	CT	UCCLE	BELGIUM	56571	C	XICHANG	CHINA
16045	CT	UDINE/RIVOLTO	ITALY	85365	C	YACUIBA	BOLIVIA
48354	C	UDON THANI	THAILAND	72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
44292	C	ULAN-BATOR	MONGOLIA	70361	CT	YAKUTAT, AK.	USA
44212	C	ULAN-GOM	MONGOLIA	54292	C	YANJI	CHINA
44214	C	ULGI	MONGOLIA	64950	C	YAOUNDE	REP CAMEROON
44272	C	ULIASTAI	MONGOLIA	91413	C	YAP, CAROLINE IS.	USA
76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO	40439	C	YENBO	SAUDI ARABIA
68424	CT	UPINGTON	SOUTH AFRICA	57461	C	YICHANG	CHINA
47426	C	URAKAWA	JAPAN	53614	C	YINCHUAN	CHINA
17270	C	URFA	TURKEY	51431	C	YINING	CHINA

STATION LIST RECENT DATA

47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
76525	C	ZACATECAS,ZAC. (LA BUFA,ZAC)	MEXICO
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE)	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

CLIMATIC DATA STATIONS - WORLDWIDE



The following is excerpted from the World Meteorological Organization letter No. M/CLC dated 25 August 1986 and is presented here for the information of contributors to the Monthly Climatic Data for the World.

The National Climatic Data Center (NCDC) Asheville, North Carolina, U.S.A. has designed a new processing system for the data it publishes in the Monthly Climatic Data for the World.

The Global Telecommunication System (GTS) will become the primary data source for the MCDW publication. Data transmitted in the CLIMAT, CLIMAT TEMP, CLIMAT SHIP and CLIMAT TEMP SHIP formats, as described in the current WMO Publication No. 306 (Manual on Codes), Volume I will be used in the publication. (In reviewing GTS data exchanged in the past, it has been noticed that some non-standard formats had been used. Such data could be lost if the new automated translator cannot translate them.)

The NCDC plans to decrease the use of NOAA 80-4 and 80-5 forms as sources of data during the 1987 data year. They are not yet prepared to stop using these forms completely, but that is the goal.

There will be an automated method of deciding which data exchanged over the GTS to publish. Stations will appear in the publication if both of the following are true:

- (a) Station data have been transmitted on the GTS in the current CLIMAT, CLIMAT TEMP, CLIMAT SHIP or CLIMAT TEMP SHIP formats. (Data from NOAA Forms 80-4 and 80-5 may be used for some stations during a transition period that should not exceed one year from January 1987.)
- (b) The stations are designated as CLIMAT, CLIMAT TEMP, CLIMAT SHIP or CLIMAT TEMP SHIP stations in the version of WMO Publication No. 9 (Weather Reporting), Volume A that was in effect in the month to which the data relate.

The new MCDW system, like the old system, will require a set of average values to compare with the monthly summary values that are to be published in MCDW. The new system will employ a set of averages for the 30-year period 1951-1980, calculated from data received at the NCDC during those years. This is being done for consistency among Member nations. Sunshine duration alone will be taken from WMO's published 1931-1960 normals.

As will be seen from the above description, the only major planned change in the procedure of preparing the publication is that the CLIMAT messages transmitted on the GTS will become the primary data source for MCDW, the use of the NOAA 80-4 and 80-5 "verification" forms, which are - and shall continue to be - forwarded by air mail to the National Climatic Data Center, will diminish. The aim of this change is to automate procedures and to reduce the time period needed for the preparation of the publication.

In order to ensure a high reliability of the data to be published under the new procedure, I should like to emphasize the particular importance of exercising great care in the preparation of CLIMAT, CLIMAT TEMP, CLIMAT SHIP and CLIMAT TEMP SHIP reports and adhering strictly to the relevant coding and telecommunication procedures laid down in the Manual on Codes (Volume I) (WMO-No. 306) and the Manual on the Global Telecommunication System (WMO-No. 386), respectively. (It will be recalled that Chapter 8 of the Guide to Climatological Practices - WMO No. 100 - also refers to the preparation of CLIMAT reports.)

COVER: The cover maps are long term means analyzed on a Miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center
January 1987

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